## APPENDIX B: Cardiac Procedure Codes

***Cardiac procedure codes: (ACSCARP)***

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| 0210083 | Bypass coronary artery, one artery from coronary artery with zooplastic tissue, open approach |
| 0210088 | Bypass coronary artery, one artery from right internal mammary with zooplastic tissue, open approach |
| 0210089 | Bypass coronary artery, one artery from left internal mammary with zooplastic tissue, open approach |
| 021008C | Bypass coronary artery, one artery from thoracic artery with zooplastic tissue, open approach |
| 021008F | Bypass coronary artery, one artery from abdominal artery with zooplastic tissue, open approach |
| 021008W | Bypass coronary artery, one artery from aorta with zooplastic tissue, open approach |
| 0210093 | Bypass coronary artery, one artery from coronary artery with autologous venous tissue, open approach |
| 0210098 | Bypass coronary artery, one artery from right internal mammary with autologous venous tissue, open approach |
| 0210099 | Bypass coronary artery, one artery from left internal mammary with autologous venous tissue, open approach |
| 021009C | Bypass coronary artery, one artery from thoracic artery with autologous venous tissue, open approach |
| 021009F | Bypass coronary artery, one artery from abdominal artery with autologous venous tissue, open approach |
| 021009W | Bypass coronary artery, one artery from aorta with autologous venous tissue, open approach |
| 02100A3 | Bypass coronary artery, one artery from coronary artery with autologous arterial tissue, open approach |
| 02C43ZZ | Extirpation of matter from coronary vein, percutaneous approach |
| 02C44ZZ | Extirpation of matter from coronary vein, percutaneous endoscopic approach |
| 02C50ZZ | Extirpation of matter from atrial septum, open approach |
| 02C53ZZ | Extirpation of matter from atrial septum, percutaneous approach |
| 02C54ZZ | Extirpation of matter from atrial septum, percutaneous endoscopic approach |
| 02C60ZZ | Extirpation of matter from right atrium, open approach |
| 02C63ZZ | Extirpation of matter from right atrium, percutaneous approach |
| 02C64ZZ | Extirpation of matter from right atrium, percutaneous endoscopic approach |
| 02C70ZZ | Extirpation of matter from left atrium, open approach |
| 02C73ZZ | Extirpation of matter from left atrium, percutaneous approach |
| 02C74ZZ | Extirpation of matter from left atrium, percutaneous endoscopic approach |
| 02C80ZZ | Extirpation of matter from conduction mechanism, open approach |
| 02C83ZZ | Extirpation of matter from conduction mechanism, percutaneous approach |

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| 02100A8 | Bypass coronary artery, one artery from right internal mammary with autologous arterial tissue, open approach | 02C84ZZ | Extirpation of matter from conduction mechanism, percutaneous endoscopic approach |
| 02100A9 | Bypass coronary artery, one artery from left internal mammary with autologous arterial tissue, open approach | 02C90ZZ | Extirpation of matter from chordae tendineae, open approach |
| 02100AC | Bypass coronary artery, one artery from thoracic artery with autologous arterial tissue, open approach | 02C93ZZ | Extirpation of matter from chordae tendineae, percutaneous approach |
| 02100AF | Bypass coronary artery, one artery from abdominal artery with autologous arterial tissue, open approach | 02C94ZZ | Extirpation of matter from chordae tendineae, percutaneous endoscopic approach |
| 02100AW | Bypass coronary artery, one artery from aorta with autologous arterial tissue, open approach | 02CD0ZZ | Extirpation of matter from papillary muscle, open approach |
| 02100J3 | Bypass coronary artery, one artery from coronary artery with synthetic substitute, open approach | 02CD3ZZ | Extirpation of matter from papillary muscle, percutaneous approach |
| 02100J8 | Bypass coronary artery, one artery from right internal mammary with synthetic substitute, open approach | 02CD4ZZ | Extirpation of matter from papillary muscle, percutaneous endoscopic approach |
| 02100J9 | Bypass coronary artery, one artery from left internal mammary with synthetic substitute, open approach | 02CF0ZZ | Extirpation of matter from aortic valve, open approach |
| 02100JC | Bypass coronary artery, one artery from thoracic artery with synthetic substitute, open approach | 02CF3ZZ | Extirpation of matter from aortic valve, percutaneous approach |
| 02100JF | Bypass coronary artery, one artery from abdominal artery with synthetic substitute, open approach | 02CF4ZZ | Extirpation of matter from aortic valve, percutaneous endoscopic approach |
| 02100JW | Bypass coronary artery, one artery from aorta with synthetic substitute, open approach | 02CG0ZZ | Extirpation of matter from mitral valve, open approach |
| 02100K3 | Bypass coronary artery, one artery from coronary artery with nonautologous tissue substitute, open approach | 02CG3ZZ | Extirpation of matter from mitral valve, percutaneous approach |
| 02100K8 | Bypass coronary artery, one artery from right internal mammary with nonautologous tissue substitute, open approach | 02CG4ZZ | Extirpation of matter from mitral valve, percutaneous endoscopic approach |

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| 02100K9 | Bypass coronary artery, one artery from left internal mammary with nonautologous tissue substitute, open approach |
| 02100KC | Bypass coronary artery, one artery from thoracic artery with nonautologous tissue substitute, open approach |
| 02100KF | Bypass coronary artery, one artery from abdominal artery with nonautologous tissue substitute, open approach |
| 02100KW | Bypass coronary artery, one artery from aorta with nonautologous tissue substitute, open approach |
| 02100Z3 | Bypass coronary artery, one artery from coronary artery, open approach |
| 02100Z8 | Bypass coronary artery, one artery from right internal mammary, open approach |
| 02100Z9 | Bypass coronary artery, one artery from left internal mammary, open approach |
| 02100ZC | Bypass coronary artery, one artery from thoracic artery, open approach |
| 02100ZF | Bypass coronary artery, one artery from abdominal artery, open approach |
| 0210344 | Bypass coronary artery, one artery from coronary vein with drug-eluting intraluminal device, percutaneous approach |
| 02103D4 | Bypass coronary artery, one artery from coronary vein with intraluminal device, percutaneous approach |
| 0210444 | Bypass coronary artery, one artery from coronary vein with drug-eluting intraluminal device, percutaneous endoscopic approach |
| 0210483 | Bypass coronary artery, one artery from coronary artery with zooplastic tissue, percutaneous endoscopic approach |
| 02CH0ZZ | Extirpation of matter from pulmonary valve, open approach |
| 02CH3ZZ | Extirpation of matter from pulmonary valve, percutaneous approach |
| 02CH4ZZ | Extirpation of matter from pulmonary valve, percutaneous endoscopic approach |
| 02CJ0ZZ | Extirpation of matter from tricuspid valve, open approach |
| 02CJ3ZZ | Extirpation of matter from tricuspid valve, percutaneous approach |
| 02CJ4ZZ | Extirpation of matter from tricuspid valve, percutaneous endoscopic approach |
| 02CK0ZZ | Extirpation of matter from right ventricle, open approach |
| 02CK3ZZ | Extirpation of matter from right ventricle, percutaneous approach |
| 02CK4ZZ | Extirpation of matter from right ventricle, percutaneous endoscopic approach |
| 02CL0ZZ | Extirpation of matter from left ventricle, open approach |
| 02CL3ZZ | Extirpation of matter from left ventricle, percutaneous approach |
| 02CL4ZZ | Extirpation of matter from left ventricle, percutaneous endoscopic approach |
| 02CM0ZZ | Extirpation of matter from ventricular septum, open approach |

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| 0210488 | Bypass coronary artery, one artery from right internal mammary with zooplastic tissue, percutaneous endoscopic approach | 02CM3ZZ | Extirpation of matter from ventricular septum, percutaneous approach |
| 0210489 | Bypass coronary artery, one artery from left internal mammary with zooplastic tissue, percutaneous endoscopic approach | 02CM4ZZ | Extirpation of matter from ventricular septum, percutaneous endoscopic approach |
| 021048C | Bypass coronary artery, one artery from thoracic artery with zooplastic tissue, percutaneous endoscopic approach | 02CN0ZZ | Extirpation of matter from pericardium, open approach |
| 021048F | Bypass coronary artery, one artery from abdominal artery with zooplastic tissue, percutaneous endoscopic approach | 02CN3ZZ | Extirpation of matter from pericardium, percutaneous approach |
| 021048W | Bypass coronary artery, one artery from aorta with zooplastic tissue, percutaneous endoscopic approach | 02CN4ZZ | Extirpation of matter from pericardium, percutaneous endoscopic approach |
| 0210493 | Bypass coronary artery, one artery from coronary artery with autologous venous tissue, percutaneous endoscopic approach | 02CP0ZZ | Extirpation of matter from pulmonary trunk, open approach |
| 0210498 | Bypass coronary artery, one artery from right internal mammary with autologous venous tissue, percutaneous endoscopic approach | 02CP3ZZ | Extirpation of matter from pulmonary trunk, percutaneous approach |
| 0210499 | Bypass coronary artery, one artery from left internal mammary with autologous venous tissue, percutaneous endoscopic approach | 02CP4ZZ | Extirpation of matter from pulmonary trunk, percutaneous endoscopic approach |
| 021049C | Bypass coronary artery, one artery from thoracic artery with autologous venous tissue, percutaneous endoscopic approach | 02CQ0ZZ | Extirpation of matter from right pulmonary artery, open approach |
| 021049F | Bypass coronary artery, one artery from abdominal artery with autologous venous tissue, percutaneous endoscopic approach | 02CQ3ZZ | Extirpation of matter from right pulmonary artery, percutaneous approach |
| 021049W | Bypass coronary artery, one artery from aorta with autologous venous tissue, percutaneous endoscopic approach | 02CQ4ZZ | Extirpation of matter from right pulmonary artery, percutaneous endoscopic approach |

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| 02104A3 | Bypass coronary artery, one artery from coronary artery with autologous arterial tissue, percutaneous endoscopic approach | 02CR0ZZ | Extirpation of matter from left pulmonary artery, open approach |
| 02104A8 | Bypass coronary artery, one artery from right internal mammary with autologous arterial tissue, percutaneous endoscopic approach | 02CR3ZZ | Extirpation of matter from left pulmonary artery, percutaneous approach |
| 02104A9 | Bypass coronary artery, one artery from left internal mammary with autologous arterial tissue, percutaneous endoscopic approach | 02CR4ZZ | Extirpation of matter from left pulmonary artery, percutaneous endoscopic approach |
| 02104AC | Bypass coronary artery, one artery from thoracic artery with autologous arterial tissue, percutaneous endoscopic approach | 02F03ZZ | Fragmentation in coronary artery, one artery, percutaneous approach |
| 02104AF | Bypass coronary artery, one artery from abdominal artery with autologous arterial tissue, percutaneous endoscopic approach | 02F13ZZ | Fragmentation in coronary artery, two arteries, percutaneous approach |
| 02104AW | Bypass coronary artery, one artery from aorta with autologous arterial tissue, percutaneous endoscopic approach | 02F23ZZ | Fragmentation in coronary artery, three arteries, percutaneous approach |
| 02104D4 | Bypass coronary artery, one artery from coronary vein with intraluminal device, percutaneous endoscopic approach | 02F33ZZ | Fragmentation in coronary artery, four or more arteries, percutaneous approach |
| 02104J3 | Bypass coronary artery, one artery from coronary artery with synthetic substitute, percutaneous endoscopic approach | 02FN0ZZ | Fragmentation in pericardium, open approach |
| 02104J8 | Bypass coronary artery, one artery from right internal mammary with synthetic substitute, percutaneous endoscopic approach | 02FN3ZZ | Fragmentation in pericardium, percutaneous approach |
| 02104J9 | Bypass coronary artery, one artery from left internal mammary with synthetic substitute, percutaneous endoscopic approach | 02FN4ZZ | Fragmentation in pericardium, percutaneous endoscopic approach |
| 02104JC | Bypass coronary artery, one artery from thoracic artery with synthetic substitute, percutaneous endoscopic approach | 02FNXZZ | Fragmentation in pericardium, external approach |

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| 02104JF | Bypass coronary artery, one artery from abdominal artery with synthetic substitute, percutaneous endoscopic approach | 02FP3Z0 | Fragmentation of pulmonary trunk, percutaneous approach, ultrasonic |
| 02104JW | Bypass coronary artery, one artery from aorta with synthetic substitute, percutaneous endoscopic approach | 02FP3ZZ | Fragmentation of pulmonary trunk, percutaneous approach |
| 02104K3 | Bypass coronary artery, one artery from coronary artery with nonautologous tissue substitute, percutaneous endoscopic approach | 02FQ3Z0 | Fragmentation of right pulmonary artery, percutaneous approach, ultrasonic |
| 02104K8 | Bypass coronary artery, one artery from right internal mammary with nonautologous tissue substitute, percutaneous endoscopic approach | 02FQ3ZZ | Fragmentation of right pulmonary artery, percutaneous approach |
| 02104K9 | Bypass coronary artery, one artery from left internal mammary with nonautologous tissue substitute, percutaneous endoscopic approach | 02FR3Z0 | Fragmentation of left pulmonary artery, percutaneous approach, ultrasonic |
| 02104KC | Bypass coronary artery, one artery from thoracic artery with nonautologous tissue substitute, percutaneous endoscopic approach | 02FR3ZZ | Fragmentation of left pulmonary artery, percutaneous approach |
| 02104KF | Bypass coronary artery, one artery from abdominal artery with nonautologous tissue substitute, percutaneous endoscopic approach | 02H00DZ | Insertion of intraluminal device into coronary artery, one artery, open approach |
| 02104KW | Bypass coronary artery, one artery from aorta with nonautologous tissue substitute, percutaneous endoscopic approach | 02H00YZ | Insertion of other device into coronary artery, one artery, open approach |
| 02104Z3 | Bypass coronary artery, one artery from coronary artery, percutaneous endoscopic approach | 02H03DZ | Insertion of intraluminal device into coronary artery, one artery, percutaneous approach |
| 02104Z8 | Bypass coronary artery, one artery from right internal mammary, percutaneous endoscopic approach | 02H03YZ | Insertion of other device into coronary artery, one artery, percutaneous approach |
| 02104Z9 | Bypass coronary artery, one artery from left internal mammary, percutaneous endoscopic approach | 02H04DZ | Insertion of intraluminal device into coronary artery, one artery, percutaneous endoscopic approach |
| 02104ZC | Bypass coronary artery, one artery from thoracic artery, percutaneous endoscopic approach | 02H04YZ | Insertion of other device into coronary artery, one artery, percutaneous endoscopic approach |

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| 02104ZF | Bypass coronary artery, one artery from abdominal artery, percutaneous endoscopic approach | 02H10DZ | Insertion of intraluminal device into coronary artery, two arteries, open approach |
| 0211083 | Bypass coronary artery, two arteries from coronary artery with zooplastic tissue, open approach | 02H10YZ | Insertion of other device into coronary artery, two arteries, open approach |
| 0211088 | Bypass coronary artery, two arteries from right internal mammary with zooplastic tissue, open approach | 02H13DZ | Insertion of intraluminal device into coronary artery, two arteries, percutaneous approach |
| 0211089 | Bypass coronary artery, two arteries from left internal mammary with zooplastic tissue, open approach | 02H13YZ | Insertion of other device into coronary artery, two arteries, percutaneous approach |
| 021108C | Bypass coronary artery, two arteries from thoracic artery with zooplastic tissue, open approach | 02H14DZ | Insertion of intraluminal device into coronary artery, two arteries, percutaneous endoscopic approach |
| 021108F | Bypass coronary artery, two arteries from abdominal artery with zooplastic tissue, open approach | 02H14YZ | Insertion of other device into coronary artery, two arteries, percutaneous endoscopic approach |
| 021108W | Bypass coronary artery, two arteries from aorta with zooplastic tissue, open approach | 02H20DZ | Insertion of intraluminal device into coronary artery, three arteries, open approach |
| 0211093 | Bypass coronary artery, two arteries from coronary artery with autologous venous tissue, open approach | 02H20YZ | Insertion of other device into coronary artery, three arteries, open approach |
| 0211098 | Bypass coronary artery, two arteries from right internal mammary with autologous venous tissue, open approach | 02H23DZ | Insertion of intraluminal device into coronary artery, three arteries, percutaneous approach |
| 0211099 | Bypass coronary artery, two arteries from left internal mammary with autologous venous tissue, open approach | 02H23YZ | Insertion of other device into coronary artery, three arteries, percutaneous approach |
| 021109C | Bypass coronary artery, two arteries from thoracic artery with autologous venous tissue, open approach | 02H24DZ | Insertion of intraluminal device into coronary artery, three arteries, percutaneous endoscopic approach |
| 021109F | Bypass coronary artery, two arteries from abdominal artery with autologous venous tissue, open approach | 02H24YZ | Insertion of other device into coronary artery, three arteries, percutaneous endoscopic approach |
| 021109W | Bypass coronary artery, two arteries from aorta with autologous venous tissue, open approach | 02H30DZ | Insertion of intraluminal device into coronary artery, four or more arteries, open approach |
| 02110A3 | Bypass coronary artery, two arteries from coronary artery with autologous arterial tissue, open approach | 02H30YZ | Insertion of other device into coronary artery, four or more arteries, open approach |

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| 02110A8 | Bypass coronary artery, two arteries from right internal mammary with autologous arterial tissue, open approach | 02H33DZ | Insertion of intraluminal device into coronary artery, four or more arteries, percutaneous approach |
| 02110A9 | Bypass coronary artery, two arteries from left internal mammary with autologous arterial tissue, open approach | 02H33YZ | Insertion of other device into coronary artery, four or more arteries, percutaneous approach |
| 02110AC | Bypass coronary artery, two arteries from thoracic artery with autologous arterial tissue, open approach | 02H34DZ | Insertion of intraluminal device into coronary artery, four or more arteries, percutaneous endoscopic approach |
| 02110AF | Bypass coronary artery, two arteries from abdominal artery with autologous arterial tissue, open approach | 02H34YZ | Insertion of other device into coronary artery, four or more arteries, percutaneous endoscopic approach |
| 02110AW | Bypass coronary artery, two arteries from aorta with autologous arterial tissue, open approach | 02H40JZ | Insertion of pacemaker lead into coronary vein, open approach |
| 02110J3 | Bypass coronary artery, two arteries from coronary artery with synthetic substitute, open approach | 02H40KZ | Insertion of defibrillator lead into coronary vein, open approach |
| 02110J8 | Bypass coronary artery, two arteries from right internal mammary with synthetic substitute, open approach | 02H40MZ | Insertion of cardiac lead into coronary vein, open approach |
| 02110J9 | Bypass coronary artery, two arteries from left internal mammary with synthetic substitute, open approach | 02H40NZ | Insertion of intracardiac pacemaker into coronary vein, open approach |
| 02110JC | Bypass coronary artery, two arteries from thoracic artery with synthetic substitute, open approach | 02H43JZ | Insertion of pacemaker lead into coronary vein, percutaneous approach |
| 02110JF | Bypass coronary artery, two arteries from abdominal artery with synthetic substitute, open approach | 02H43KZ | Insertion of defibrillator lead into coronary vein, percutaneous approach |
| 02110JW | Bypass coronary artery, two arteries from aorta with synthetic substitute, open approach | 02H43MZ | Insertion of cardiac lead into coronary vein, percutaneous approach |
| 02110K3 | Bypass coronary artery, two arteries from coronary artery with nonautologous tissue substitute, open approach | 02H43NZ | Insertion of intracardiac pacemaker into coronary vein, percutaneous approach |
| 02110K8 | Bypass coronary artery, two arteries from right internal mammary with nonautologous tissue substitute, open approach | 02H44JZ | Insertion of pacemaker lead into coronary vein, percutaneous endoscopic approach |

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| 02110K9 | Bypass coronary artery, two arteries from left internal mammary with nonautologous tissue substitute, open approach | 02H44KZ | Insertion of defibrillator lead into coronary vein, percutaneous endoscopic approach |
| 02110KC | Bypass coronary artery, two arteries from thoracic artery with nonautologous tissue substitute, open approach | 02H44MZ | Insertion of cardiac lead into coronary vein, percutaneous endoscopic approach |
| 02110KF | Bypass coronary artery, two arteries from abdominal artery with nonautologous tissue substitute, open approach | 02H44NZ | Insertion of intracardiac pacemaker into coronary vein, percutaneous endoscopic approach |
| 02110KW | Bypass coronary artery, two arteries from aorta with nonautologous tissue substitute, open approach | 02H60JZ | Insertion of pacemaker lead into right atrium, open approach |
| 02110Z3 | Bypass coronary artery, two arteries from coronary artery, open approach | 02H60KZ | Insertion of defibrillator lead into right atrium, open approach |
| 02110Z8 | Bypass coronary artery, two arteries from right internal mammary, open approach | 02H60MZ | Insertion of cardiac lead into right atrium, open approach |
| 02110Z9 | Bypass coronary artery, two arteries from left internal mammary, open approach | 02H60NZ | Insertion of intracardiac pacemaker into right atrium, open approach |
| 02110ZC | Bypass coronary artery, two arteries from thoracic artery, open approach | 02H63JZ | Insertion of pacemaker lead into right atrium, percutaneous approach |
| 02110ZF | Bypass coronary artery, two arteries from abdominal artery, open approach | 02H63KZ | Insertion of defibrillator lead into right atrium, percutaneous approach |
| 0211344 | Bypass coronary artery, two arteries from coronary vein with drug-eluting intraluminal device, percutaneous approach | 02H63MZ | Insertion of cardiac lead into right atrium, percutaneous approach |
| 02113D4 | Bypass coronary artery, two arteries from coronary vein with intraluminal device, percutaneous approach | 02H63NZ | Insertion of intracardiac pacemaker into right atrium, percutaneous approach |
| 0211444 | Bypass coronary artery, two arteries from coronary vein with drug-eluting intraluminal device, percutaneous endoscopic approach | 02H64JZ | Insertion of pacemaker lead into right atrium, percutaneous endoscopic approach |
| 0211483 | Bypass coronary artery, two arteries from coronary artery with zooplastic tissue, percutaneous endoscopic approach | 02H64KZ | Insertion of defibrillator lead into right atrium, percutaneous endoscopic approach |

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| 0211488 | Bypass coronary artery, two arteries from right internal mammary with zooplastic tissue, percutaneous endoscopic approach | 02H64MZ | Insertion of cardiac lead into right atrium, percutaneous endoscopic approach |
| 0211489 | Bypass coronary artery, two arteries from left internal mammary with zooplastic tissue, percutaneous endoscopic approach | 02H64NZ | Insertion of intracardiac pacemaker into right atrium, percutaneous endoscopic approach |
| 021148C | Bypass coronary artery, two arteries from thoracic artery with zooplastic tissue, percutaneous endoscopic approach | 02H70JZ | Insertion of pacemaker lead into left atrium, open approach |
| 021148F | Bypass coronary artery, two arteries from abdominal artery with zooplastic tissue, percutaneous endoscopic approach | 02H70KZ | Insertion of defibrillator lead into left atrium, open approach |
| 021148W | Bypass coronary artery, two arteries from aorta with zooplastic tissue, percutaneous endoscopic approach | 02H70MZ | Insertion of cardiac lead into left atrium, open approach |
| 0211493 | Bypass coronary artery, two arteries from coronary artery with autologous venous tissue, percutaneous endoscopic approach | 02H70NZ | Insertion of intracardiac pacemaker into left atrium, open approach |
| 0211498 | Bypass coronary artery, two arteries from right internal mammary with autologous venous tissue, percutaneous endoscopic approach | 02H73JZ | Insertion of pacemaker lead into left atrium, percutaneous approach |
| 0211499 | Bypass coronary artery, two arteries from left internal mammary with autologous venous tissue, percutaneous endoscopic approach | 02H73KZ | Insertion of defibrillator lead into left atrium, percutaneous approach |
| 021149C | Bypass coronary artery, two arteries from thoracic artery with autologous venous tissue, percutaneous endoscopic approach | 02H73MZ | Insertion of cardiac lead into left atrium, percutaneous approach |
| 021149F | Bypass coronary artery, two arteries from abdominal artery with autologous venous tissue, percutaneous endoscopic approach | 02H73NZ | Insertion of intracardiac pacemaker into left atrium, percutaneous approach |
| 021149W | Bypass coronary artery, two arteries from aorta with autologous venous tissue, percutaneous endoscopic approach | 02H74JZ | Insertion of pacemaker lead into left atrium, percutaneous endoscopic approach |

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| 02114A3 | Bypass coronary artery, two arteries from coronary artery with autologous arterial tissue, percutaneous endoscopic approach | 02H74KZ | Insertion of defibrillator lead into left atrium, percutaneous endoscopic approach |
| 02114A8 | Bypass coronary artery, two arteries from right internal mammary with autologous arterial tissue, percutaneous endoscopic approach | 02H74MZ | Insertion of cardiac lead into left atrium, percutaneous endoscopic approach |
| 02114A9 | Bypass coronary artery, two arteries from left internal mammary with autologous arterial tissue, percutaneous endoscopic approach | 02H74NZ | Insertion of intracardiac pacemaker into left atrium, percutaneous endoscopic approach |
| 02114AC | Bypass coronary artery, two arteries from thoracic artery with autologous arterial tissue, percutaneous endoscopic approach | 02HA0QZ | Insertion of implantable heart assist system into heart, open approach |
| 02114AF | Bypass coronary artery, two arteries from abdominal artery with autologous arterial tissue, percutaneous endoscopic approach | 02HA0RJ | Insertion of short-term external heart assist system into heart, intraoperative, open approach |
| 02114AW | Bypass coronary artery, two arteries from aorta with autologous arterial tissue, percutaneous endoscopic approach | 02HA0RS | Insertion of biventricular short-term external heart assist system into heart, open approach |
| 02114D4 | Bypass coronary artery, two arteries from coronary vein with intraluminal device, percutaneous endoscopic approach | 02HA0RZ | Insertion of short-term external heart assist system into heart, open approach |
| 02114J3 | Bypass coronary artery, two arteries from coronary artery with synthetic substitute, percutaneous endoscopic approach | 02HA3QZ | Insertion of implantable heart assist system into heart, percutaneous approach |
| 02114J8 | Bypass coronary artery, two arteries from right internal mammary with synthetic substitute, percutaneous endoscopic approach | 02HA3RJ | Insertion of short-term external heart assist system into heart, intraoperative, percutaneous approach |
| 02114J9 | Bypass coronary artery, two arteries from left internal mammary with synthetic substitute, percutaneous endoscopic approach | 02HA3RS | Insertion of biventricular short-term external heart assist system into heart, percutaneous approach |
| 02114JC | Bypass coronary artery, two arteries from thoracic artery with synthetic substitute, percutaneous endoscopic approach | 02HA3RZ | Insertion of short-term external heart assist system into heart, percutaneous approach |

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| 02114JF | Bypass coronary artery, two arteries from abdominal artery with synthetic substitute, percutaneous endoscopic approach | 02HA4QZ | Insertion of implantable heart assist system into heart, percutaneous endoscopic approach |
| 02114JW | Bypass coronary artery, two arteries from aorta with synthetic substitute, percutaneous endoscopic approach | 02HA4RJ | Insertion of short-term external heart assist system into heart, intraoperative, percutaneous endoscopic approach |
| 02114K3 | Bypass coronary artery, two arteries from coronary artery with nonautologous tissue substitute, percutaneous endoscopic approach | 02HA4RS | Insertion of biventricular short-term external heart assist system into heart, percutaneous endoscopic approach |
| 02114K8 | Bypass coronary artery, two arteries from right internal mammary with nonautologous tissue substitute, percutaneous endoscopic approach | 02HA4RZ | Insertion of short-term external heart assist system into heart, percutaneous endoscopic approach |
| 02114K9 | Bypass coronary artery, two arteries from left internal mammary with nonautologous tissue substitute, percutaneous endoscopic approach | 02HK0JZ | Insertion of pacemaker lead into right ventricle, open approach |
| 02114KC | Bypass coronary artery, two arteries from thoracic artery with nonautologous tissue substitute, percutaneous endoscopic approach | 02HK0KZ | Insertion of defibrillator lead into right ventricle, open approach |
| 02114KF | Bypass coronary artery, two arteries from abdominal artery with nonautologous tissue substitute, percutaneous endoscopic approach | 02HK0MZ | Insertion of cardiac lead into right ventricle, open approach |
| 02114KW | Bypass coronary artery, two arteries from aorta with nonautologous tissue substitute, percutaneous endoscopic approach | 02HK0NZ | Insertion of intracardiac pacemaker into right ventricle, open approach |
| 02114Z3 | Bypass coronary artery, two arteries from coronary artery, percutaneous endoscopic approach | 02HK3JZ | Insertion of pacemaker lead into right ventricle, percutaneous approach |
| 02114Z8 | Bypass coronary artery, two arteries from right internal mammary, percutaneous endoscopic approach | 02HK3KZ | Insertion of defibrillator lead into right ventricle, percutaneous approach |
| 02114Z9 | Bypass coronary artery, two arteries from left internal mammary, percutaneous endoscopic approach | 02HK3MZ | Insertion of cardiac lead into right ventricle, percutaneous approach |
| 02114ZC | Bypass coronary artery, two arteries from thoracic artery, percutaneous endoscopic approach | 02HK3NZ | Insertion of intracardiac pacemaker into right ventricle, percutaneous approach |

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| 02114ZF | Bypass coronary artery, two arteries from abdominal artery, percutaneous endoscopic approach |
| 0212083 | Bypass coronary artery, three arteries from coronary artery with zooplastic tissue, open approach |
| 0212088 | Bypass coronary artery, three arteries from right internal mammary with zooplastic tissue, open approach |
| 0212089 | Bypass coronary artery, three arteries from left internal mammary with zooplastic tissue, open approach |
| 021208C | Bypass coronary artery, three arteries from thoracic artery with zooplastic tissue, open approach |
| 021208F | Bypass coronary artery, three arteries from abdominal artery with zooplastic tissue, open approach |
| 021208W | Bypass coronary artery, three arteries from aorta with zooplastic tissue, open approach |
| 0212093 | Bypass coronary artery, three arteries from coronary artery with autologous venous tissue, open approach |
| 0212098 | Bypass coronary artery, three arteries from right internal mammary with autologous venous tissue, open approach |
| 0212099 | Bypass coronary artery, three arteries from left internal mammary with autologous venous tissue, open approach |
| 021209C | Bypass coronary artery, three arteries from thoracic artery with autologous venous tissue, open approach |
| 021209F | Bypass coronary artery, three arteries from abdominal artery with autologous venous tissue, open approach |
| 021209W | Bypass coronary artery, three arteries from aorta with autologous venous tissue, open approach |
| 02120A3 | Bypass coronary artery, three arteries from coronary artery with autologous arterial tissue, open approach |
| 02HK4JZ | Insertion of pacemaker lead into right ventricle, percutaneous endoscopic approach |
| 02HK4KZ | Insertion of defibrillator lead into right ventricle, percutaneous endoscopic approach |
| 02HK4MZ | Insertion of cardiac lead into right ventricle, percutaneous endoscopic approach |
| 02HK4NZ | Insertion of intracardiac pacemaker into right ventricle, percutaneous endoscopic approach |
| 02HL0JZ | Insertion of pacemaker lead into left ventricle, open approach |
| 02HL0KZ | Insertion of defibrillator lead into left ventricle, open approach |
| 02HL0MZ | Insertion of cardiac lead into left ventricle, open approach |
| 02HL0NZ | Insertion of intracardiac pacemaker into left ventricle, open approach |
| 02HL3JZ | Insertion of pacemaker lead into left ventricle, percutaneous approach |
| 02HL3KZ | Insertion of defibrillator lead into left ventricle, percutaneous approach |
| 02HL3MZ | Insertion of cardiac lead into left ventricle, percutaneous approach |
| 02HL3NZ | Insertion of intracardiac pacemaker into left ventricle, percutaneous approach |
| 02HL4JZ | Insertion of pacemaker lead into left ventricle, percutaneous endoscopic approach |
| 02HL4KZ | Insertion of defibrillator lead into left ventricle, percutaneous endoscopic approach |

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| 02120A8 | Bypass coronary artery, three arteries from right internal mammary with autologous arterial tissue, open approach |
| 02120A9 | Bypass coronary artery, three arteries from left internal mammary with autologous arterial tissue, open approach |
| 02120AC | Bypass coronary artery, three arteries from thoracic artery with autologous arterial tissue, open approach |
| 02120AF | Bypass coronary artery, three arteries from abdominal artery with autologous arterial tissue, open approach |
| 02120AW | Bypass coronary artery, three arteries from aorta with autologous arterial tissue, open approach |
| 02120J3 | Bypass coronary artery, three arteries from coronary artery with synthetic substitute, open approach |
| 02120J8 | Bypass coronary artery, three arteries from right internal mammary with synthetic substitute, open approach |
| 02120J9 | Bypass coronary artery, three arteries from left internal mammary with synthetic substitute, open approach |
| 02120JC | Bypass coronary artery, three arteries from thoracic artery with synthetic substitute, open approach |
| 02120JF | Bypass coronary artery, three arteries from abdominal artery with synthetic substitute, open approach |
| 02120JW | Bypass coronary artery, three arteries from aorta with synthetic substitute, open approach |
| 02120K3 | Bypass coronary artery, three arteries from coronary artery with nonautologous tissue substitute, open approach |
| 02120K8 | Bypass coronary artery, three arteries from right internal mammary with nonautologous tissue substitute, open approach |
| 02HL4MZ | Insertion of cardiac lead into left ventricle, percutaneous endoscopic approach |
| 02HL4NZ | Insertion of intracardiac pacemaker into left ventricle, percutaneous endoscopic approach |
| 02HN0JZ | Insertion of pacemaker lead into pericardium, open approach |
| 02HN0KZ | Insertion of defibrillator lead into pericardium, open approach |
| 02HN0MZ | Insertion of cardiac lead into pericardium, open approach |
| 02HN3JZ | Insertion of pacemaker lead into pericardium, percutaneous approach |
| 02HN3KZ | Insertion of defibrillator lead into pericardium, percutaneous approach |
| 02HN3MZ | Insertion of cardiac lead into pericardium, percutaneous approach |
| 02HN4JZ | Insertion of pacemaker lead into pericardium, percutaneous endoscopic approach |
| 02HN4KZ | Insertion of defibrillator lead into pericardium, percutaneous endoscopic approach |
| 02HN4MZ | Insertion of cardiac lead into pericardium, percutaneous endoscopic approach |
| 02L70CK | Occlusion of left atrial appendage with extraluminal device, open approach |
| 02L70DK | Occlusion of left atrial appendage with intraluminal device, open approach |

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| 02120K9 | Bypass coronary artery, three arteries from left internal mammary with nonautologous tissue substitute, open approach |
| 02120KC | Bypass coronary artery, three arteries from thoracic artery with nonautologous tissue substitute, open approach |
| 02120KF | Bypass coronary artery, three arteries from abdominal artery with nonautologous tissue substitute, open approach |
| 02120KW | Bypass coronary artery, three arteries from aorta with nonautologous tissue substitute, open approach |
| 02120Z3 | Bypass coronary artery, three arteries from coronary artery, open approach |
| 02120Z8 | Bypass coronary artery, three arteries from right internal mammary, open approach |
| 02120Z9 | Bypass coronary artery, three arteries from left internal mammary, open approach |
| 02120ZC | Bypass coronary artery, three arteries from thoracic artery, open approach |
| 02120ZF | Bypass coronary artery, three arteries from abdominal artery, open approach |
| 0212344 | Bypass coronary artery, three arteries from coronary vein with drug-eluting intraluminal device, percutaneous approach |
| 02123D4 | Bypass coronary artery, three arteries from coronary vein with intraluminal device, percutaneous approach |
| 0212444 | Bypass coronary artery, three arteries from coronary vein with drug-eluting intraluminal device, percutaneous endoscopic approach |
| 0212483 | Bypass coronary artery, three arteries from coronary artery with zooplastic tissue, percutaneous endoscopic approach |
| 02L70ZK | Occlusion of left atrial appendage, open approach |
| 02L73CK | Occlusion of left atrial appendage with extraluminal device, percutaneous approach |
| 02L73DK | Occlusion of left atrial appendage with intraluminal device, percutaneous approach |
| 02L73ZK | Occlusion of left atrial appendage, percutaneous approach |
| 02L74CK | Occlusion of left atrial appendage with extraluminal device, percutaneous endoscopic approach |
| 02L74DK | Occlusion of left atrial appendage with intraluminal device, percutaneous endoscopic approach |
| 02L74ZK | Occlusion of left atrial appendage, percutaneous endoscopic approach |
| 02N00ZZ | Release coronary artery, one artery, open approach |
| 02N03ZZ | Release coronary artery, one artery, percutaneous approach |
| 02N04ZZ | Release coronary artery, one artery, percutaneous endoscopic approach |
| 02N10ZZ | Release coronary artery, two arteries, open approach |
| 02N13ZZ | Release coronary artery, two arteries, percutaneous approach |
| 02N14ZZ | Release coronary artery, two arteries, percutaneous endoscopic approach |

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| 0212488 | Bypass coronary artery, three arteries from right internal mammary with zooplastic tissue, percutaneous endoscopic approach | 02N20ZZ | Release coronary artery, three arteries, open approach |
| 0212489 | Bypass coronary artery, three arteries from left internal mammary with zooplastic tissue, percutaneous endoscopic approach | 02N23ZZ | Release coronary artery, three arteries, percutaneous approach |
| 021248C | Bypass coronary artery, three arteries from thoracic artery with zooplastic tissue, percutaneous endoscopic approach | 02N24ZZ | Release coronary artery, three arteries, percutaneous endoscopic approach |
| 021248F | Bypass coronary artery, three arteries from abdominal artery with zooplastic tissue, percutaneous endoscopic approach | 02N30ZZ | Release coronary artery, four or more arteries, open approach |
| 021248W | Bypass coronary artery, three arteries from aorta with zooplastic tissue, percutaneous endoscopic approach | 02N33ZZ | Release coronary artery, four or more arteries, percutaneous approach |
| 0212493 | Bypass coronary artery, three arteries from coronary artery with autologous venous tissue, percutaneous endoscopic approach | 02N34ZZ | Release coronary artery, four or more arteries, percutaneous endoscopic approach |
| 0212498 | Bypass coronary artery, three arteries from right internal mammary with autologous venous tissue, percutaneous endoscopic approach | 02N40ZZ | Release coronary vein, open approach |
| 0212499 | Bypass coronary artery, three arteries from left internal mammary with autologous venous tissue, percutaneous endoscopic approach | 02N43ZZ | Release coronary vein, percutaneous approach |
| 021249C | Bypass coronary artery, three arteries from thoracic artery with autologous venous tissue, percutaneous endoscopic approach | 02N44ZZ | Release coronary vein, percutaneous endoscopic approach |
| 021249F | Bypass coronary artery, three arteries from abdominal artery with autologous venous tissue, percutaneous endoscopic approach | 02N50ZZ | Release atrial septum, open approach |
| 021249W | Bypass coronary artery, three arteries from aorta with autologous venous tissue, percutaneous endoscopic approach | 02N53ZZ | Release atrial septum, percutaneous approach |

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| 02124A3 | Bypass coronary artery, three arteries from coronary artery with autologous arterial tissue, percutaneous endoscopic approach |
| 02124A8 | Bypass coronary artery, three arteries from right internal mammary with autologous arterial tissue, percutaneous endoscopic approach |
| 02124A9 | Bypass coronary artery, three arteries from left internal mammary with autologous arterial tissue, percutaneous endoscopic approach |
| 02124AC | Bypass coronary artery, three arteries from thoracic artery with autologous arterial tissue, percutaneous endoscopic approach |
| 02124AF | Bypass coronary artery, three arteries from abdominal artery with autologous arterial tissue, percutaneous endoscopic approach |
| 02124AW | Bypass coronary artery, three arteries from aorta with autologous arterial tissue, percutaneous endoscopic approach |
| 02124D4 | Bypass coronary artery, three arteries from coronary vein with intraluminal device, percutaneous endoscopic approach |
| 02124J3 | Bypass coronary artery, three arteries from coronary artery with synthetic substitute, percutaneous endoscopic approach |
| 02124J8 | Bypass coronary artery, three arteries from right internal mammary with synthetic substitute, percutaneous endoscopic approach |
| 02124J9 | Bypass coronary artery, three arteries from left internal mammary with synthetic substitute, percutaneous endoscopic approach |
| 02124JC | Bypass coronary artery, three arteries from thoracic artery with synthetic substitute, percutaneous endoscopic approach |
| 02N54ZZ | Release atrial septum, percutaneous endoscopic approach |
| 02N60ZZ | Release right atrium, open approach |
| 02N63ZZ | Release right atrium, percutaneous approach |
| 02N64ZZ | Release right atrium, percutaneous endoscopic approach |
| 02N70ZZ | Release left atrium, open approach |
| 02N73ZZ | Release left atrium, percutaneous approach |
| 02N74ZZ | Release left atrium, percutaneous endoscopic approach |
| 02N80ZZ | Release conduction mechanism, open approach |
| 02N83ZZ | Release conduction mechanism, percutaneous approach |
| 02N84ZZ | Release conduction mechanism, percutaneous endoscopic approach |
| 02N90ZZ | Release chordae tendineae, open approach |

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| 02124JF | Bypass coronary artery, three arteries from abdominal artery with synthetic substitute, percutaneous endoscopic approach |
| 02124JW | Bypass coronary artery, three arteries from aorta with synthetic substitute, percutaneous endoscopic approach |
| 02124K3 | Bypass coronary artery, three arteries from coronary artery with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02124K8 | Bypass coronary artery, three arteries from right internal mammary with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02124K9 | Bypass coronary artery, three arteries from left internal mammary with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02124KC | Bypass coronary artery, three arteries from thoracic artery with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02124KF | Bypass coronary artery, three arteries from abdominal artery with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02124KW | Bypass coronary artery, three arteries from aorta with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02124Z3 | Bypass coronary artery, three arteries from coronary artery, percutaneous endoscopic approach |
| 02124Z8 | Bypass coronary artery, three arteries from right internal mammary, percutaneous endoscopic approach |
| 02124Z9 | Bypass coronary artery, three arteries from left internal mammary, percutaneous endoscopic approach |
| 02124ZC | Bypass coronary artery, three arteries from thoracic artery, percutaneous endoscopic approach |
| 02N93ZZ | Release chordae tendineae, percutaneous approach |
| 02N94ZZ | Release chordae tendineae, percutaneous endoscopic approach |
| 02ND0ZZ | Release papillary muscle, open approach |
| 02ND3ZZ | Release papillary muscle, percutaneous approach |
| 02ND4ZZ | Release papillary muscle, percutaneous endoscopic approach |
| 02NF0ZZ | Release aortic valve, open approach |
| 02NF3ZZ | Release aortic valve, percutaneous approach |
| 02NF4ZZ | Release aortic valve, percutaneous endoscopic approach |
| 02NG0ZZ | Release mitral valve, open approach |
| 02NG3ZZ | Release mitral valve, percutaneous approach |
| 02NG4ZZ | Release mitral valve, percutaneous endoscopic approach |
| 02NH0ZZ | Release pulmonary valve, open approach |

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| 02124ZF | Bypass coronary artery, three arteries from abdominal artery, percutaneous endoscopic approach |
| 0213083 | Bypass coronary artery, four or more arteries from coronary artery with zooplastic tissue, open approach |
| 0213088 | Bypass coronary artery, four or more arteries from right internal mammary with zooplastic tissue, open approach |
| 0213089 | Bypass coronary artery, four or more arteries from left internal mammary with zooplastic tissue, open approach |
| 021308C | Bypass coronary artery, four or more arteries from thoracic artery with zooplastic tissue, open approach |
| 021308F | Bypass coronary artery, four or more arteries from abdominal artery with zooplastic tissue, open approach |
| 021308W | Bypass coronary artery, four or more arteries from aorta with zooplastic tissue, open approach |
| 0213093 | Bypass coronary artery, four or more arteries from coronary artery with autologous venous tissue, open approach |
| 0213098 | Bypass coronary artery, four or more arteries from right internal mammary with autologous venous tissue, open approach |
| 0213099 | Bypass coronary artery, four or more arteries from left internal mammary with autologous venous tissue, open approach |
| 021309C | Bypass coronary artery, four or more arteries from thoracic artery with autologous venous tissue, open approach |
| 021309F | Bypass coronary artery, four or more arteries from abdominal artery with autologous venous tissue, open approach |
| 021309W | Bypass coronary artery, four or more arteries from aorta with autologous venous tissue, open approach |
| 02NH3ZZ | Release pulmonary valve, percutaneous approach |
| 02NH4ZZ | Release pulmonary valve, percutaneous endoscopic approach |
| 02NJ0ZZ | Release tricuspid valve, open approach |
| 02NJ3ZZ | Release tricuspid valve, percutaneous approach |
| 02NJ4ZZ | Release tricuspid valve, percutaneous endoscopic approach |
| 02NK0ZZ | Release right ventricle, open approach |
| 02NK3ZZ | Release right ventricle, percutaneous approach |
| 02NK4ZZ | Release right ventricle, percutaneous endoscopic approach |
| 02NL0ZZ | Release left ventricle, open approach |
| 02NL3ZZ | Release left ventricle, percutaneous approach |
| 02NL4ZZ | Release left ventricle, percutaneous endoscopic approach |
| 02NM0ZZ | Release ventricular septum, open approach |
| 02NM3ZZ | Release ventricular septum, percutaneous approach |

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| 02130A3 | Bypass coronary artery, four or more arteries from coronary artery with autologous arterial tissue, open approach |
| 02130A8 | Bypass coronary artery, four or more arteries from right internal mammary with autologous arterial tissue, open approach |
| 02130A9 | Bypass coronary artery, four or more arteries from left internal mammary with autologous arterial tissue, open approach |
| 02130AC | Bypass coronary artery, four or more arteries from thoracic artery with autologous arterial tissue, open approach |
| 02130AF | Bypass coronary artery, four or more arteries from abdominal artery with autologous arterial tissue, open approach |
| 02130AW | Bypass coronary artery, four or more arteries from aorta with autologous arterial tissue, open approach |
| 02130J3 | Bypass coronary artery, four or more arteries from coronary artery with synthetic substitute, open approach |
| 02130J8 | Bypass coronary artery, four or more arteries from right internal mammary with synthetic substitute, open approach |
| 02130J9 | Bypass coronary artery, four or more arteries from left internal mammary with synthetic substitute, open approach |
| 02130JC | Bypass coronary artery, four or more arteries from thoracic artery with synthetic substitute, open approach |
| 02130JF | Bypass coronary artery, four or more arteries from abdominal artery with synthetic substitute, open approach |
| 02130JW | Bypass coronary artery, four or more arteries from aorta with synthetic substitute, open approach |
| 02NM4ZZ | Release ventricular septum, percutaneous endoscopic approach |
| 02NN0ZZ | Release pericardium, open approach |
| 02NN3ZZ | Release pericardium, percutaneous approach |
| 02NN4ZZ | Release pericardium, percutaneous endoscopic approach |
| 02NP0ZZ | Release pulmonary trunk, open approach |
| 02NP3ZZ | Release pulmonary trunk, percutaneous approach |
| 02NP4ZZ | Release pulmonary trunk, percutaneous endoscopic approach |
| 02NQ0ZZ | Release right pulmonary artery, open approach |
| 02NQ3ZZ | Release right pulmonary artery, percutaneous approach |
| 02NQ4ZZ | Release right pulmonary artery, percutaneous endoscopic approach |
| 02NR0ZZ | Release left pulmonary artery, open approach |
| 02NR3ZZ | Release left pulmonary artery, percutaneous approach |

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| 02130K3 | Bypass coronary artery, four or more arteries from coronary artery with nonautologous tissue substitute, open approach |
| 02130K8 | Bypass coronary artery, four or more arteries from right internal mammary with nonautologous tissue substitute, open approach |
| 02130K9 | Bypass coronary artery, four or more arteries from left internal mammary with nonautologous tissue substitute, open approach |
| 02130KC | Bypass coronary artery, four or more arteries from thoracic artery with nonautologous tissue substitute, open approach |
| 02130KF | Bypass coronary artery, four or more arteries from abdominal artery with nonautologous tissue substitute, open approach |
| 02130KW | Bypass coronary artery, four or more arteries from aorta with nonautologous tissue substitute, open approach |
| 02130Z3 | Bypass coronary artery, four or more arteries from coronary artery, open approach |
| 02130Z8 | Bypass coronary artery, four or more arteries from right internal mammary, open approach |
| 02130Z9 | Bypass coronary artery, four or more arteries from left internal mammary, open approach |
| 02130ZC | Bypass coronary artery, four or more arteries from thoracic artery, open approach |
| 02130ZF | Bypass coronary artery, four or more arteries from abdominal artery, open approach |
| 0213344 | Bypass coronary artery, four or more arteries from coronary vein with drug-eluting intraluminal device, percutaneous approach |
| 02NR4ZZ | Release left pulmonary artery, percutaneous endoscopic approach |
| 02PA0MZ | Removal of cardiac lead from heart, open approach |
| 02PA0NZ | Removal of intracardiac pacemaker from heart, open approach |
| 02PA0QZ | Removal of implantable heart assist system from heart, open approach |
| 02PA0RS | Removal of biventricular short-term external heart assist system from heart, open approach |
| 02PA0RZ | Removal of short-term external heart assist system from heart, open approach |
| 02PA3MZ | Removal of cardiac lead from heart, percutaneous approach |
| 02PA3NZ | Removal of intracardiac pacemaker from heart, percutaneous approach |
| 02PA3QZ | Removal of implantable heart assist system from heart, percutaneous approach |
| 02PA3RS | Removal of biventricular short-term external heart assist system from heart, percutaneous approach |
| 02PA3RZ | Removal of short-term external heart assist system from heart, percutaneous approach |
| 02PA4MZ | Removal of cardiac lead from heart, percutaneous endoscopic approach |

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| 02133D4 | Bypass coronary artery, four or more arteries from coronary vein with intraluminal device, percutaneous approach |
| 0213444 | Bypass coronary artery, four or more arteries from coronary vein with drug-eluting intraluminal device, percutaneous endoscopic approach |
| 0213483 | Bypass coronary artery, four or more arteries from coronary artery with zooplastic tissue, percutaneous endoscopic approach |
| 0213488 | Bypass coronary artery, four or more arteries from right internal mammary with zooplastic tissue, percutaneous endoscopic approach |
| 0213489 | Bypass coronary artery, four or more arteries from left internal mammary with zooplastic tissue, percutaneous endoscopic approach |
| 021348C | Bypass coronary artery, four or more arteries from thoracic artery with zooplastic tissue, percutaneous endoscopic approach |
| 021348F | Bypass coronary artery, four or more arteries from abdominal artery with zooplastic tissue, percutaneous endoscopic approach |
| 021348W | Bypass coronary artery, four or more arteries from aorta with zooplastic tissue, percutaneous endoscopic approach |
| 0213493 | Bypass coronary artery, four or more arteries from coronary artery with autologous venous tissue, percutaneous endoscopic approach |
| 0213498 | Bypass coronary artery, four or more arteries from right internal mammary with autologous venous tissue, percutaneous endoscopic approach |
| 0213499 | Bypass coronary artery, four or more arteries from left internal mammary with autologous venous tissue, percutaneous endoscopic approach |
| 02PA4NZ | Removal of intracardiac pacemaker from heart, percutaneous endoscopic approach |
| 02PA4QZ | Removal of implantable heart assist system from heart, percutaneous endoscopic approach |
| 02PA4RS | Removal of biventricular short-term external heart assist system from heart, percutaneous endoscopic approach |
| 02PA4RZ | Removal of short-term external heart assist system from heart, percutaneous endoscopic approach |
| 02PAXMZ | Removal of cardiac lead from heart, external approach |
| 02Q00ZZ | Repair coronary artery, one artery, open approach |
| 02Q03ZZ | Repair coronary artery, one artery, percutaneous approach |
| 02Q04ZZ | Repair coronary artery, one artery, percutaneous endoscopic approach |
| 02Q10ZZ | Repair coronary artery, two arteries, open approach |
| 02Q13ZZ | Repair coronary artery, two arteries, percutaneous approach |
| 02Q14ZZ | Repair coronary artery, two arteries, percutaneous endoscopic approach |

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| 021349C | Bypass coronary artery, four or more arteries from thoracic artery with autologous venous tissue, percutaneous endoscopic approach |
| 021349F | Bypass coronary artery, four or more arteries from abdominal artery with autologous venous tissue, percutaneous endoscopic approach |
| 021349W | Bypass coronary artery, four or more arteries from aorta with autologous venous tissue, percutaneous endoscopic approach |
| 02134A3 | Bypass coronary artery, four or more arteries from coronary artery with autologous arterial tissue, percutaneous endoscopic approach |
| 02134A8 | Bypass coronary artery, four or more arteries from right internal mammary with autologous arterial tissue, percutaneous endoscopic approach |
| 02134A9 | Bypass coronary artery, four or more arteries from left internal mammary with autologous arterial tissue, percutaneous endoscopic approach |
| 02134AC | Bypass coronary artery, four or more arteries from thoracic artery with autologous arterial tissue, percutaneous endoscopic approach |
| 02134AF | Bypass coronary artery, four or more arteries from abdominal artery with autologous arterial tissue, percutaneous endoscopic approach |
| 02134AW | Bypass coronary artery, four or more arteries from aorta with autologous arterial tissue, percutaneous endoscopic approach |
| 02134D4 | Bypass coronary artery, four or more arteries from coronary vein with intraluminal device, percutaneous endoscopic approach |
| 02134J3 | Bypass coronary artery, four or more arteries from coronary artery with synthetic substitute, percutaneous endoscopic approach |
| 02Q20ZZ | Repair coronary artery, three arteries, open approach |
| 02Q23ZZ | Repair coronary artery, three arteries, percutaneous approach |
| 02Q24ZZ | Repair coronary artery, three arteries, percutaneous endoscopic approach |
| 02Q30ZZ | Repair coronary artery, four or more arteries, open approach |
| 02Q33ZZ | Repair coronary artery, four or more arteries, percutaneous approach |
| 02Q34ZZ | Repair coronary artery, four or more arteries, percutaneous endoscopic approach |
| 02Q40ZZ | Repair coronary vein, open approach |
| 02Q43ZZ | Repair coronary vein, percutaneous approach |
| 02Q44ZZ | Repair coronary vein, percutaneous endoscopic approach |
| 02Q50ZZ | Repair atrial septum, open approach |
| 02Q53ZZ | Repair atrial septum, percutaneous approach |

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| 02134J8 | Bypass coronary artery, four or more arteries from right internal mammary with synthetic substitute, percutaneous endoscopic approach |
| 02134J9 | Bypass coronary artery, four or more arteries from left internal mammary with synthetic substitute, percutaneous endoscopic approach |
| 02134JC | Bypass coronary artery, four or more arteries from thoracic artery with synthetic substitute, percutaneous endoscopic approach |
| 02134JF | Bypass coronary artery, four or more arteries from abdominal artery with synthetic substitute, percutaneous endoscopic approach |
| 02134JW | Bypass coronary artery, four or more arteries from aorta with synthetic substitute, percutaneous endoscopic approach |
| 02134K3 | Bypass coronary artery, four or more arteries from coronary artery with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02134K8 | Bypass coronary artery, four or more arteries from right internal mammary with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02134K9 | Bypass coronary artery, four or more arteries from left internal mammary with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02134KC | Bypass coronary artery, four or more arteries from thoracic artery with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02134KF | Bypass coronary artery, four or more arteries from abdominal artery with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02134KW | Bypass coronary artery, four or more arteries from aorta with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02Q54ZZ | Repair atrial septum, percutaneous endoscopic approach |
| 02Q60ZZ | Repair right atrium, open approach |
| 02Q63ZZ | Repair right atrium, percutaneous approach |
| 02Q64ZZ | Repair right atrium, percutaneous endoscopic approach |
| 02Q70ZZ | Repair left atrium, open approach |
| 02Q73ZZ | Repair left atrium, percutaneous approach |
| 02Q74ZZ | Repair left atrium, percutaneous endoscopic approach |
| 02Q80ZZ | Repair conduction mechanism, open approach |
| 02Q83ZZ | Repair conduction mechanism, percutaneous approach |
| 02Q84ZZ | Repair conduction mechanism, percutaneous endoscopic approach |
| 02Q90ZZ | Repair chordae tendineae, open approach |

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| 02134Z3 | Bypass coronary artery, four or more arteries from coronary artery, percutaneous endoscopic approach |
| 02134Z8 | Bypass coronary artery, four or more arteries from right internal mammary, percutaneous endoscopic approach |
| 02134Z9 | Bypass coronary artery, four or more arteries from left internal mammary, percutaneous endoscopic approach |
| 02134ZC | Bypass coronary artery, four or more arteries from thoracic artery, percutaneous endoscopic approach |
| 02134ZF | Bypass coronary artery, four or more arteries from abdominal artery, percutaneous endoscopic approach |
| 021608P | Bypass right atrium to pulmonary trunk with zooplastic tissue, open approach |
| 021608Q | Bypass right atrium to right pulmonary artery with zooplastic tissue, open approach |
| 021608R | Bypass right atrium to left pulmonary artery with zooplastic tissue, open approach |
| 021609P | Bypass right atrium to pulmonary trunk with autologous venous tissue, open approach |
| 021609Q | Bypass right atrium to right pulmonary artery with autologous venous tissue, open approach |
| 021609R | Bypass right atrium to left pulmonary artery with autologous venous tissue, open approach |
| 02160AP | Bypass right atrium to pulmonary trunk with autologous arterial tissue, open approach |
| 02160AQ | Bypass right atrium to right pulmonary artery with autologous arterial tissue, open approach |
| 02160AR | Bypass right atrium to left pulmonary artery with autologous arterial tissue, open approach |
| 02160JP | Bypass right atrium to pulmonary trunk with synthetic substitute, open approach |
| 02Q93ZZ | Repair chordae tendineae, percutaneous approach |
| 02Q94ZZ | Repair chordae tendineae, percutaneous endoscopic approach |
| 02QA0ZZ | Repair heart, open approach |
| 02QA3ZZ | Repair heart, percutaneous approach |
| 02QA4ZZ | Repair heart, percutaneous endoscopic approach |
| 02QB0ZZ | Repair right heart, open approach |
| 02QB3ZZ | Repair right heart, percutaneous approach |
| 02QB4ZZ | Repair right heart, percutaneous endoscopic approach |
| 02QC0ZZ | Repair left heart, open approach |
| 02QC3ZZ | Repair left heart, percutaneous approach |
| 02QC4ZZ | Repair left heart, percutaneous endoscopic approach |
| 02QD0ZZ | Repair papillary muscle, open approach |
| 02QD3ZZ | Repair papillary muscle, percutaneous approach |
| 02QD4ZZ | Repair papillary muscle, percutaneous endoscopic approach |
| 02QF0ZJ | Repair aortic valve created from truncal valve, open approach |

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| 02160JQ | Bypass right atrium to right pulmonary artery with synthetic substitute, open approach |
| 02160JR | Bypass right atrium to left pulmonary artery with synthetic substitute, open approach |
| 02160KP | Bypass right atrium to pulmonary trunk with nonautologous tissue substitute, open approach |
| 02160KQ | Bypass right atrium to right pulmonary artery with nonautologous tissue substitute, open approach |
| 02160KR | Bypass right atrium to left pulmonary artery with nonautologous tissue substitute, open approach |
| 02160Z7 | Bypass right atrium to left atrium, open approach |
| 02160ZP | Bypass right atrium to pulmonary trunk, open approach |
| 02160ZQ | Bypass right atrium to right pulmonary artery, open approach |
| 02160ZR | Bypass right atrium to left pulmonary artery, open approach |
| 02163Z7 | Bypass right atrium to left atrium, percutaneous approach |
| 021648P | Bypass right atrium to pulmonary trunk with zooplastic tissue, percutaneous endoscopic approach |
| 021648Q | Bypass right atrium to right pulmonary artery with zooplastic tissue, percutaneous endoscopic approach |
| 021648R | Bypass right atrium to left pulmonary artery with zooplastic tissue, percutaneous endoscopic approach |
| 021649P | Bypass right atrium to pulmonary trunk with autologous venous tissue, percutaneous endoscopic approach |
| 021649Q | Bypass right atrium to right pulmonary artery with autologous venous tissue, percutaneous endoscopic approach |
| 021649R | Bypass right atrium to left pulmonary artery with autologous venous tissue, percutaneous endoscopic approach |
| 02QF0ZZ | Repair aortic valve, open approach |
| 02QF3ZJ | Repair aortic valve created from truncal valve, percutaneous approach |
| 02QF3ZZ | Repair aortic valve, percutaneous approach |
| 02QF4ZJ | Repair aortic valve created from truncal valve, percutaneous endoscopic approach |
| 02QF4ZZ | Repair aortic valve, percutaneous endoscopic approach |
| 02QG0ZE | Repair mitral valve created from left atrioventricular valve, open approach |
| 02QG0ZZ | Repair mitral valve, open approach |
| 02QG3ZE | Repair mitral valve created from left atrioventricular valve, percutaneous approach |
| 02QG3ZZ | Repair mitral valve, percutaneous approach |
| 02QG4ZE | Repair mitral valve created from left atrioventricular valve, percutaneous endoscopic approach |
| 02QG4ZZ | Repair mitral valve, percutaneous endoscopic approach |
| 02QH0ZZ | Repair pulmonary valve, open approach |
| 02QH3ZZ | Repair pulmonary valve, percutaneous approach |
| 02QH4ZZ | Repair pulmonary valve, percutaneous endoscopic approach |
| 02QJ0ZG | Repair tricuspid valve created from right atrioventricular valve, open approach |
| 02QJ0ZZ | Repair tricuspid valve, open approach |

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| 02164AP | Bypass right atrium to pulmonary trunk with autologous arterial tissue, percutaneous endoscopic approach |
| 02164AQ | Bypass right atrium to right pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach |
| 02164AR | Bypass right atrium to left pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach |
| 02164JP | Bypass right atrium to pulmonary trunk with synthetic substitute, percutaneous endoscopic approach |
| 02164JQ | Bypass right atrium to right pulmonary artery with synthetic substitute, percutaneous endoscopic approach |
| 02164JR | Bypass right atrium to left pulmonary artery with synthetic substitute, percutaneous endoscopic approach |
| 02164KP | Bypass right atrium to pulmonary trunk with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02164KQ | Bypass right atrium to right pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02164KR | Bypass right atrium to left pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02164Z7 | Bypass right atrium to left atrium, percutaneous endoscopic approach |
| 02164ZP | Bypass right atrium to pulmonary trunk, percutaneous endoscopic approach |
| 02164ZQ | Bypass right atrium to right pulmonary artery, percutaneous endoscopic approach |
| 02164ZR | Bypass right atrium to left pulmonary artery, percutaneous endoscopic approach |
| 021708P | Bypass left atrium to pulmonary trunk with zooplastic tissue, open approach |
| 02QJ3ZG | Repair tricuspid valve created from right atrioventricular valve, percutaneous approach |
| 02QJ3ZZ | Repair tricuspid valve, percutaneous approach |
| 02QJ4ZG | Repair tricuspid valve created from right atrioventricular valve, percutaneous endoscopic approach |
| 02QJ4ZZ | Repair tricuspid valve, percutaneous endoscopic approach |
| 02QK0ZZ | Repair right ventricle, open approach |
| 02QK3ZZ | Repair right ventricle, percutaneous approach |
| 02QK4ZZ | Repair right ventricle, percutaneous endoscopic approach |
| 02QL0ZZ | Repair left ventricle, open approach |
| 02QL3ZZ | Repair left ventricle, percutaneous approach |
| 02QL4ZZ | Repair left ventricle, percutaneous endoscopic approach |
| 02QM0ZZ | Repair ventricular septum, open approach |
| 02QM3ZZ | Repair ventricular septum, percutaneous approach |
| 02QM4ZZ | Repair ventricular septum, percutaneous endoscopic approach |
| 02QN0ZZ | Repair pericardium, open approach |

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| 021708Q | Bypass left atrium to right pulmonary artery with zooplastic tissue, open approach |
| 021708R | Bypass left atrium to left pulmonary artery with zooplastic tissue, open approach |
| 021708S | Bypass left atrium to right pulmonary vein with zooplastic tissue, open approach |
| 021708T | Bypass left atrium to left pulmonary vein with zooplastic tissue, open approach |
| 021708U | Bypass left atrium to pulmonary vein confluence with zooplastic tissue, open approach |
| 021709P | Bypass left atrium to pulmonary trunk with autologous venous tissue, open approach |
| 021709Q | Bypass left atrium to right pulmonary artery with autologous venous tissue, open approach |
| 021709R | Bypass left atrium to left pulmonary artery with autologous venous tissue, open approach |
| 021709S | Bypass left atrium to right pulmonary vein with autologous venous tissue, open approach |
| 021709T | Bypass left atrium to left pulmonary vein with autologous venous tissue, open approach |
| 021709U | Bypass left atrium to pulmonary vein confluence with autologous venous tissue, open approach |
| 02170AP | Bypass left atrium to pulmonary trunk with autologous arterial tissue, open approach |
| 02170AQ | Bypass left atrium to right pulmonary artery with autologous arterial tissue, open approach |
| 02170AR | Bypass left atrium to left pulmonary artery with autologous arterial tissue, open approach |
| 02170AS | Bypass left atrium to right pulmonary vein with autologous arterial tissue, open approach |
| 02QN3ZZ | Repair pericardium, percutaneous approach |
| 02QN4ZZ | Repair pericardium, percutaneous endoscopic approach |
| 02R507Z | Replacement of atrial septum with autologous tissue substitute, open approach |
| 02R508Z | Replacement of atrial septum with zooplastic tissue, open approach |
| 02R50JZ | Replacement of atrial septum with synthetic substitute, open approach |
| 02R50KZ | Replacement of atrial septum with nonautologous tissue substitute, open approach |
| 02R547Z | Replacement of atrial septum with autologous tissue substitute, percutaneous endoscopic approach |
| 02R548Z | Replacement of atrial septum with zooplastic tissue, percutaneous endoscopic approach |
| 02R54JZ | Replacement of atrial septum with synthetic substitute, percutaneous endoscopic approach |
| 02R54KZ | Replacement of atrial septum with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02R607Z | Replacement of right atrium with autologous tissue substitute, open approach |
| 02R608Z | Replacement of right atrium with zooplastic tissue, open approach |
| 02R60JZ | Replacement of right atrium with synthetic substitute, open approach |
| 02R60KZ | Replacement of right atrium with nonautologous tissue substitute, open approach |
| 02R647Z | Replacement of right atrium with autologous tissue substitute, percutaneous endoscopic approach |

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| 02170AT | Bypass left atrium to left pulmonary vein with autologous arterial tissue, open approach | 02R648Z | Replacement of right atrium with zooplastic tissue, percutaneous endoscopic approach |
| 02170AU | Bypass left atrium to pulmonary vein confluence with autologous arterial tissue, open approach | 02R64JZ | Replacement of right atrium with synthetic substitute, percutaneous endoscopic approach |
| 02170JP | Bypass left atrium to pulmonary trunk with synthetic substitute, open approach | 02R64KZ | Replacement of right atrium with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02170JQ | Bypass left atrium to right pulmonary artery with synthetic substitute, open approach | 02R707Z | Replacement of left atrium with autologous tissue substitute, open approach |
| 02170JR | Bypass left atrium to left pulmonary artery with synthetic substitute, open approach | 02R708Z | Replacement of left atrium with zooplastic tissue, open approach |
| 02170JS | Bypass left atrium to right pulmonary vein with synthetic substitute, open approach | 02R70JZ | Replacement of left atrium with synthetic substitute, open approach |
| 02170JT | Bypass left atrium to left pulmonary vein with synthetic substitute, open approach | 02R70KZ | Replacement of left atrium with nonautologous tissue substitute, open approach |
| 02170JU | Bypass left atrium to pulmonary vein confluence with synthetic substitute, open approach | 02R747Z | Replacement of left atrium with autologous tissue substitute, percutaneous endoscopic approach |
| 02170KP | Bypass left atrium to pulmonary trunk with nonautologous tissue substitute, open approach | 02R748Z | Replacement of left atrium with zooplastic tissue, percutaneous endoscopic approach |
| 02170KQ | Bypass left atrium to right pulmonary artery with nonautologous tissue substitute, open approach | 02R74JZ | Replacement of left atrium with synthetic substitute, percutaneous endoscopic approach |
| 02170KR | Bypass left atrium to left pulmonary artery with nonautologous tissue substitute, open approach | 02R74KZ | Replacement of left atrium with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02170KS | Bypass left atrium to right pulmonary vein with nonautologous tissue substitute, open approach | 02R907Z | Replacement of chordae tendineae with autologous tissue substitute, open approach |
| 02170KT | Bypass left atrium to left pulmonary vein with nonautologous tissue substitute, open approach | 02R908Z | Replacement of chordae tendineae with zooplastic tissue, open approach |
| 02170KU | Bypass left atrium to pulmonary vein confluence with nonautologous tissue substitute, open approach | 02R90JZ | Replacement of chordae tendineae with synthetic substitute, open approach |
| 02170ZP | Bypass left atrium to pulmonary trunk, open approach | 02R90KZ | Replacement of chordae tendineae with nonautologous tissue substitute, open approach |

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| 02170ZQ | Bypass left atrium to right pulmonary artery, open approach |
| 02170ZR | Bypass left atrium to left pulmonary artery, open approach |
| 02170ZS | Bypass left atrium to right pulmonary vein, open approach |
| 02170ZT | Bypass left atrium to left pulmonary vein, open approach |
| 02170ZU | Bypass left atrium to pulmonary vein confluence, open approach |
| 02173J6 | Bypass left atrium to right atrium with synthetic substitute, percutaneous approach |
| 021748P | Bypass left atrium to pulmonary trunk with zooplastic tissue, percutaneous endoscopic approach |
| 021748Q | Bypass left atrium to right pulmonary artery with zooplastic tissue, percutaneous endoscopic approach |
| 021748R | Bypass left atrium to left pulmonary artery with zooplastic tissue, percutaneous endoscopic approach |
| 021748S | Bypass left atrium to right pulmonary vein with zooplastic tissue, percutaneous endoscopic approach |
| 021748T | Bypass left atrium to left pulmonary vein with zooplastic tissue, percutaneous endoscopic approach |
| 021748U | Bypass left atrium to pulmonary vein confluence with zooplastic tissue, percutaneous endoscopic approach |
| 021749P | Bypass left atrium to pulmonary trunk with autologous venous tissue, percutaneous endoscopic approach |
| 021749Q | Bypass left atrium to right pulmonary artery with autologous venous tissue, percutaneous endoscopic approach |
| 021749R | Bypass left atrium to left pulmonary artery with autologous venous tissue, percutaneous endoscopic approach |
| 02R947Z | Replacement of chordae tendineae with autologous tissue substitute, percutaneous endoscopic approach |
| 02R948Z | Replacement of chordae tendineae with zooplastic tissue, percutaneous endoscopic approach |
| 02R94JZ | Replacement of chordae tendineae with synthetic substitute, percutaneous endoscopic approach |
| 02R94KZ | Replacement of chordae tendineae with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02RA0LZ | Replacement of heart with biologic and synthetic substitute, autoregulated electrohydraulic, open approach |
| 02RA0MZ | Replacement of heart with synthetic substitute, pneumatic, open approach |
| 02RD07Z | Replacement of papillary muscle with autologous tissue substitute, open approach |
| 02RD08Z | Replacement of papillary muscle with zooplastic tissue, open approach |
| 02RD0JZ | Replacement of papillary muscle with synthetic substitute, open approach |
| 02RD0KZ | Replacement of papillary muscle with nonautologous tissue substitute, open approach |
| 02RD47Z | Replacement of papillary muscle with autologous tissue substitute, percutaneous endoscopic approach |
| 02RD48Z | Replacement of papillary muscle with zooplastic tissue, percutaneous endoscopic approach |
| 02RD4JZ | Replacement of papillary muscle with synthetic substitute, percutaneous endoscopic approach |
| 02RD4KZ | Replacement of papillary muscle with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02RF07Z | Replacement of aortic valve with autologous tissue substitute, open approach |

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| 021749S | Bypass left atrium to right pulmonary vein with autologous venous tissue, percutaneous endoscopic approach |
| 021749T | Bypass left atrium to left pulmonary vein with autologous venous tissue, percutaneous endoscopic approach |
| 021749U | Bypass left atrium to pulmonary vein confluence with autologous venous tissue, percutaneous endoscopic approach |
| 02174AP | Bypass left atrium to pulmonary trunk with autologous arterial tissue, percutaneous endoscopic approach |
| 02174AQ | Bypass left atrium to right pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach |
| 02174AR | Bypass left atrium to left pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach |
| 02174AS | Bypass left atrium to right pulmonary vein with autologous arterial tissue, percutaneous endoscopic approach |
| 02174AT | Bypass left atrium to left pulmonary vein with autologous arterial tissue, percutaneous endoscopic approach |
| 02174AU | Bypass left atrium to pulmonary vein confluence with autologous arterial tissue, percutaneous endoscopic approach |
| 02174JP | Bypass left atrium to pulmonary trunk with synthetic substitute, percutaneous endoscopic approach |
| 02174JQ | Bypass left atrium to right pulmonary artery with synthetic substitute, percutaneous endoscopic approach |
| 02174JR | Bypass left atrium to left pulmonary artery with synthetic substitute, percutaneous endoscopic approach |
| 02174JS | Bypass left atrium to right pulmonary vein with synthetic substitute, percutaneous endoscopic approach |
| 02174JT | Bypass left atrium to left pulmonary vein with synthetic substitute, percutaneous endoscopic approach |
| 02RF08Z | Replacement of aortic valve with zooplastic tissue, open approach |
| 02RF0JZ | Replacement of aortic valve with synthetic substitute, open approach |
| 02RF0KZ | Replacement of aortic valve with nonautologous tissue substitute, open approach |
| 02RF37H | Replacement of aortic valve with autologous tissue substitute, transapical, percutaneous approach |
| 02RF37Z | Replacement of aortic valve with autologous tissue substitute, percutaneous approach |
| 02RF38H | Replacement of aortic valve with zooplastic tissue, transapical, percutaneous approach |
| 02RF38Z | Replacement of aortic valve with zooplastic tissue, percutaneous approach |
| 02RF3JH | Replacement of aortic valve with synthetic substitute, transapical, percutaneous approach |
| 02RF3JZ | Replacement of aortic valve with synthetic substitute, percutaneous approach |
| 02RF3KH | Replacement of aortic valve with nonautologous tissue substitute, transapical, percutaneous approach |
| 02RF3KZ | Replacement of aortic valve with nonautologous tissue substitute, percutaneous approach |
| 02RF47Z | Replacement of aortic valve with autologous tissue substitute, percutaneous endoscopic approach |
| 02RF48Z | Replacement of aortic valve with zooplastic tissue, percutaneous endoscopic approach |
| 02RF4JZ | Replacement of aortic valve with synthetic substitute, percutaneous endoscopic approach |

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| 02174JU | Bypass left atrium to pulmonary vein confluence with synthetic substitute, percutaneous endoscopic approach |
| 02174KP | Bypass left atrium to pulmonary trunk with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02174KQ | Bypass left atrium to right pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02174KR | Bypass left atrium to left pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02174KS | Bypass left atrium to right pulmonary vein with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02174KT | Bypass left atrium to left pulmonary vein with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02174KU | Bypass left atrium to pulmonary vein confluence with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02174ZP | Bypass left atrium to pulmonary trunk, percutaneous endoscopic approach |
| 02174ZQ | Bypass left atrium to right pulmonary artery, percutaneous endoscopic approach |
| 02174ZR | Bypass left atrium to left pulmonary artery, percutaneous endoscopic approach |
| 02174ZS | Bypass left atrium to right pulmonary vein, percutaneous endoscopic approach |
| 02174ZT | Bypass left atrium to left pulmonary vein, percutaneous endoscopic approach |
| 02174ZU | Bypass left atrium to pulmonary vein confluence, percutaneous endoscopic approach |
| 02RF4KZ | Replacement of aortic valve with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02RG07Z | Replacement of mitral valve with autologous tissue substitute, open approach |
| 02RG08Z | Replacement of mitral valve with zooplastic tissue, open approach |
| 02RG0JZ | Replacement of mitral valve with synthetic substitute, open approach |
| 02RG0KZ | Replacement of mitral valve with nonautologous tissue substitute, open approach |
| 02RG37H | Replacement of mitral valve with autologous tissue substitute, transapical, percutaneous approach |
| 02RG37Z | Replacement of mitral valve with autologous tissue substitute, percutaneous approach |
| 02RG38H | Replacement of mitral valve with zooplastic tissue, transapical, percutaneous approach |
| 02RG38Z | Replacement of mitral valve with zooplastic tissue, percutaneous approach |
| 02RG3JH | Replacement of mitral valve with synthetic substitute, transapical, percutaneous approach |
| 02RG3JZ | Replacement of mitral valve with synthetic substitute, percutaneous approach |
| 02RG3KH | Replacement of mitral valve with nonautologous tissue substitute, transapical, percutaneous approach |
| 02RG3KZ | Replacement of mitral valve with nonautologous tissue substitute, percutaneous approach |

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| 021K08P | Bypass right ventricle to pulmonary trunk with zooplastic tissue, open approach | 02RG47Z | Replacement of mitral valve with autologous tissue substitute, percutaneous endoscopic approach |
| 021K08Q | Bypass right ventricle to right pulmonary artery with zooplastic tissue, open approach | 02RG48Z | Replacement of mitral valve with zooplastic tissue, percutaneous endoscopic approach |
| 021K08R | Bypass right ventricle to left pulmonary artery with zooplastic tissue, open approach | 02RG4JZ | Replacement of mitral valve with synthetic substitute, percutaneous endoscopic approach |
| 021K09P | Bypass right ventricle to pulmonary trunk with autologous venous tissue, open approach | 02RG4KZ | Replacement of mitral valve with nonautologous tissue substitute, percutaneous endoscopic approach |
| 021K09Q | Bypass right ventricle to right pulmonary artery with autologous venous tissue, open approach | 02RH07Z | Replacement of pulmonary valve with autologous tissue substitute, open approach |
| 021K09R | Bypass right ventricle to left pulmonary artery with autologous venous tissue, open approach | 02RH08Z | Replacement of pulmonary valve with zooplastic tissue, open approach |
| 021K0AP | Bypass right ventricle to pulmonary trunk with autologous arterial tissue, open approach | 02RH0JZ | Replacement of pulmonary valve with synthetic substitute, open approach |
| 021K0AQ | Bypass right ventricle to right pulmonary artery with autologous arterial tissue, open approach | 02RH0KZ | Replacement of pulmonary valve with nonautologous tissue substitute, open approach |
| 021K0AR | Bypass right ventricle to left pulmonary artery with autologous arterial tissue, open approach | 02RH37H | Replacement of pulmonary valve with autologous tissue substitute, transapical, percutaneous approach |
| 021K0JP | Bypass right ventricle to pulmonary trunk with synthetic substitute, open approach | 02RH37Z | Replacement of pulmonary valve with autologous tissue substitute, percutaneous approach |
| 021K0JQ | Bypass right ventricle to right pulmonary artery with synthetic substitute, open approach | 02RH38H | Replacement of pulmonary valve with zooplastic tissue, transapical, percutaneous approach |
| 021K0JR | Bypass right ventricle to left pulmonary artery with synthetic substitute, open approach | 02RH38L | Replacement of pulmonary valve with zooplastic tissue, in existing conduit, percutaneous approach |
| 021K0KP | Bypass right ventricle to pulmonary trunk with nonautologous tissue substitute, open approach | 02RH38M | Replacement of pulmonary valve with zooplastic tissue, native site, percutaneous approach |
| 021K0KQ | Bypass right ventricle to right pulmonary artery with nonautologous tissue substitute, open approach | 02RH38Z | Replacement of pulmonary valve with zooplastic tissue, percutaneous approach |
| 021K0KR | Bypass right ventricle to left pulmonary artery with nonautologous tissue substitute, open approach | 02RH3JH | Replacement of pulmonary valve with synthetic substitute, transapical, percutaneous approach |

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| 021K0Z5 | Bypass right ventricle to coronary circulation, open approach |
| 021K0Z8 | Bypass right ventricle to right internal mammary, open approach |
| 021K0Z9 | Bypass right ventricle to left internal mammary, open approach |
| 021K0ZC | Bypass right ventricle to thoracic artery, open approach |
| 021K0ZF | Bypass right ventricle to abdominal artery, open approach |
| 021K0ZP | Bypass right ventricle to pulmonary trunk, open approach |
| 021K0ZQ | Bypass right ventricle to right pulmonary artery, open approach |
| 021K0ZR | Bypass right ventricle to left pulmonary artery, open approach |
| 021K0ZW | Bypass right ventricle to aorta, open approach |
| 021K48P | Bypass right ventricle to pulmonary trunk with zooplastic tissue, percutaneous endoscopic approach |
| 021K48Q | Bypass right ventricle to right pulmonary artery with zooplastic tissue, percutaneous endoscopic approach |
| 021K48R | Bypass right ventricle to left pulmonary artery with zooplastic tissue, percutaneous endoscopic approach |
| 021K49P | Bypass right ventricle to pulmonary trunk with autologous venous tissue, percutaneous endoscopic approach |
| 021K49Q | Bypass right ventricle to right pulmonary artery with autologous venous tissue, percutaneous endoscopic approach |
| 02RH3JZ | Replacement of pulmonary valve with synthetic substitute, percutaneous approach |
| 02RH3KH | Replacement of pulmonary valve with nonautologous tissue substitute, transapical, percutaneous approach |
| 02RH3KZ | Replacement of pulmonary valve with nonautologous tissue substitute, percutaneous approach |
| 02RH47Z | Replacement of pulmonary valve with autologous tissue substitute, percutaneous endoscopic approach |
| 02RH48Z | Replacement of pulmonary valve with zooplastic tissue, percutaneous endoscopic approach |
| 02RH4JZ | Replacement of pulmonary valve with synthetic substitute, percutaneous endoscopic approach |
| 02RH4KZ | Replacement of pulmonary valve with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02RJ07Z | Replacement of tricuspid valve with autologous tissue substitute, open approach |
| 02RJ08Z | Replacement of tricuspid valve with zooplastic tissue, open approach |
| 02RJ0JZ | Replacement of tricuspid valve with synthetic substitute, open approach |
| 02RJ0KZ | Replacement of tricuspid valve with nonautologous tissue substitute, open approach |
| 02RJ37H | Replacement of tricuspid valve with autologous tissue substitute, transapical, percutaneous approach |
| 02RJ37Z | Replacement of tricuspid valve with autologous tissue substitute, percutaneous approach |
| 02RJ38H | Replacement of tricuspid valve with zooplastic tissue, transapical, percutaneous approach |

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| 021K49R | Bypass right ventricle to left pulmonary artery with autologous venous tissue, percutaneous endoscopic approach | 02RJ38Z | Replacement of tricuspid valve with zooplastic tissue, percutaneous approach |
| 021K4AP | Bypass right ventricle to pulmonary trunk with autologous arterial tissue, percutaneous endoscopic approach | 02RJ3JH | Replacement of tricuspid valve with synthetic substitute, transapical, percutaneous approach |
| 021K4AQ | Bypass right ventricle to right pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach | 02RJ3JZ | Replacement of tricuspid valve with synthetic substitute, percutaneous approach |
| 021K4AR | Bypass right ventricle to left pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach | 02RJ3KH | Replacement of tricuspid valve with nonautologous tissue substitute, transapical, percutaneous approach |
| 021K4JP | Bypass right ventricle to pulmonary trunk with synthetic substitute, percutaneous endoscopic approach | 02RJ3KZ | Replacement of tricuspid valve with nonautologous tissue substitute, percutaneous approach |
| 021K4JQ | Bypass right ventricle to right pulmonary artery with synthetic substitute, percutaneous endoscopic approach | 02RJ47Z | Replacement of tricuspid valve with autologous tissue substitute, percutaneous endoscopic approach |
| 021K4JR | Bypass right ventricle to left pulmonary artery with synthetic substitute, percutaneous endoscopic approach | 02RJ48Z | Replacement of tricuspid valve with zooplastic tissue, percutaneous endoscopic approach |
| 021K4KP | Bypass right ventricle to pulmonary trunk with nonautologous tissue substitute, percutaneous endoscopic approach | 02RJ4JZ | Replacement of tricuspid valve with synthetic substitute, percutaneous endoscopic approach |
| 021K4KQ | Bypass right ventricle to right pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach | 02RJ4KZ | Replacement of tricuspid valve with nonautologous tissue substitute, percutaneous endoscopic approach |
| 021K4KR | Bypass right ventricle to left pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach | 02RK07Z | Replacement of right ventricle with autologous tissue substitute, open approach |
| 021K4Z5 | Bypass right ventricle to coronary circulation, percutaneous endoscopic approach | 02RK08Z | Replacement of right ventricle with zooplastic tissue, open approach |
| 021K4Z8 | Bypass right ventricle to right internal mammary, percutaneous endoscopic approach | 02RK0JZ | Replacement of right ventricle with synthetic substitute, open approach |

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| 021K4Z9 | Bypass right ventricle to left internal mammary, percutaneous endoscopic approach |
| 021K4ZC | Bypass right ventricle to thoracic artery, percutaneous endoscopic approach |
| 021K4ZF | Bypass right ventricle to abdominal artery, percutaneous endoscopic approach |
| 021K4ZP | Bypass right ventricle to pulmonary trunk, percutaneous endoscopic approach |
| 021K4ZQ | Bypass right ventricle to right pulmonary artery, percutaneous endoscopic approach |
| 021K4ZR | Bypass right ventricle to left pulmonary artery, percutaneous endoscopic approach |
| 021K4ZW | Bypass right ventricle to aorta, percutaneous endoscopic approach |
| 021L08P | Bypass left ventricle to pulmonary trunk with zooplastic tissue, open approach |
| 021L08Q | Bypass left ventricle to right pulmonary artery with zooplastic tissue, open approach |
| 021L08R | Bypass left ventricle to left pulmonary artery with zooplastic tissue, open approach |
| 021L09P | Bypass left ventricle to pulmonary trunk with autologous venous tissue, open approach |
| 021L09Q | Bypass left ventricle to right pulmonary artery with autologous venous tissue, open approach |
| 021L09R | Bypass left ventricle to left pulmonary artery with autologous venous tissue, open approach |
| 021L0AP | Bypass left ventricle to pulmonary trunk with autologous arterial tissue, open approach |
| 021L0AQ | Bypass left ventricle to right pulmonary artery with autologous arterial tissue, open approach |
| 02RK0KZ | Replacement of right ventricle with nonautologous tissue substitute, open approach |
| 02RK47Z | Replacement of right ventricle with autologous tissue substitute, percutaneous endoscopic approach |
| 02RK48Z | Replacement of right ventricle with zooplastic tissue, percutaneous endoscopic approach |
| 02RK4JZ | Replacement of right ventricle with synthetic substitute, percutaneous endoscopic approach |
| 02RK4KZ | Replacement of right ventricle with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02RL07Z | Replacement of left ventricle with autologous tissue substitute, open approach |
| 02RL08Z | Replacement of left ventricle with zooplastic tissue, open approach |
| 02RL0JZ | Replacement of left ventricle with synthetic substitute, open approach |
| 02RL0KZ | Replacement of left ventricle with nonautologous tissue substitute, open approach |
| 02RL47Z | Replacement of left ventricle with autologous tissue substitute, percutaneous endoscopic approach |
| 02RL48Z | Replacement of left ventricle with zooplastic tissue, percutaneous endoscopic approach |
| 02RL4JZ | Replacement of left ventricle with synthetic substitute, percutaneous endoscopic approach |
| 02RL4KZ | Replacement of left ventricle with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02RM07Z | Replacement of ventricular septum with autologous tissue substitute, open approach |
| 02RM08Z | Replacement of ventricular septum with zooplastic tissue, open approach |

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| 021L0AR | Bypass left ventricle to left pulmonary artery with autologous arterial tissue, open approach |
| 021L0JP | Bypass left ventricle to pulmonary trunk with synthetic substitute, open approach |
| 021L0JQ | Bypass left ventricle to right pulmonary artery with synthetic substitute, open approach |
| 021L0JR | Bypass left ventricle to left pulmonary artery with synthetic substitute, open approach |
| 021L0KP | Bypass left ventricle to pulmonary trunk with nonautologous tissue substitute, open approach |
| 021L0KQ | Bypass left ventricle to right pulmonary artery with nonautologous tissue substitute, open approach |
| 021L0KR | Bypass left ventricle to left pulmonary artery with nonautologous tissue substitute, open approach |
| 021L0Z5 | Bypass left ventricle to coronary circulation, open approach |
| 021L0Z8 | Bypass left ventricle to right internal mammary, open approach |
| 021L0Z9 | Bypass left ventricle to left internal mammary, open approach |
| 021L0ZC | Bypass left ventricle to thoracic artery, open approach |
| 021L0ZF | Bypass left ventricle to abdominal artery, open approach |
| 021L0ZP | Bypass left ventricle to pulmonary trunk, open approach |
| 021L0ZQ | Bypass left ventricle to right pulmonary artery, open approach |
| 021L0ZR | Bypass left ventricle to left pulmonary artery, open approach |
| 021L0ZW | Bypass left ventricle to aorta, open approach |
| 02RM0JZ | Replacement of ventricular septum with synthetic substitute, open approach |
| 02RM0KZ | Replacement of ventricular septum with nonautologous tissue substitute, open approach |
| 02RM47Z | Replacement of ventricular septum with autologous tissue substitute, percutaneous endoscopic approach |
| 02RM48Z | Replacement of ventricular septum with zooplastic tissue, percutaneous endoscopic approach |
| 02RM4JZ | Replacement of ventricular septum with synthetic substitute, percutaneous endoscopic approach |
| 02RM4KZ | Replacement of ventricular septum with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02RN07Z | Replacement of pericardium with autologous tissue substitute, open approach |
| 02RN08Z | Replacement of pericardium with zooplastic tissue, open approach |
| 02RN0JZ | Replacement of pericardium with synthetic substitute, open approach |
| 02RN0KZ | Replacement of pericardium with nonautologous tissue substitute, open approach |
| 02RN47Z | Replacement of pericardium with autologous tissue substitute, percutaneous endoscopic approach |
| 02RN48Z | Replacement of pericardium with zooplastic tissue, percutaneous endoscopic approach |
| 02RN4JZ | Replacement of pericardium with synthetic substitute, percutaneous endoscopic approach |
| 02RN4KZ | Replacement of pericardium with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02S00ZZ | Reposition coronary artery, one artery, open approach |
| 02S10ZZ | Reposition coronary artery, two arteries, open approach |

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| 021L48P | Bypass left ventricle to pulmonary trunk with zooplastic tissue, percutaneous endoscopic approach | 02T50ZZ | Resection of atrial septum, open approach |
| 021L48Q | Bypass left ventricle to right pulmonary artery with zooplastic tissue, percutaneous endoscopic approach | 02T53ZZ | Resection of atrial septum, percutaneous approach |
| 021L48R | Bypass left ventricle to left pulmonary artery with zooplastic tissue, percutaneous endoscopic approach | 02T54ZZ | Resection of atrial septum, percutaneous endoscopic approach |
| 021L49P | Bypass left ventricle to pulmonary trunk with autologous venous tissue, percutaneous endoscopic approach | 02T80ZZ | Resection of conduction mechanism, open approach |
| 021L49Q | Bypass left ventricle to right pulmonary artery with autologous venous tissue, percutaneous endoscopic approach | 02T83ZZ | Resection of conduction mechanism, percutaneous approach |
| 021L49R | Bypass left ventricle to left pulmonary artery with autologous venous tissue, percutaneous endoscopic approach | 02T84ZZ | Resection of conduction mechanism, percutaneous endoscopic approach |
| 021L4AP | Bypass left ventricle to pulmonary trunk with autologous arterial tissue, percutaneous endoscopic approach | 02T90ZZ | Resection of chordae tendineae, open approach |
| 021L4AQ | Bypass left ventricle to right pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach | 02T93ZZ | Resection of chordae tendineae, percutaneous approach |
| 021L4AR | Bypass left ventricle to left pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach | 02T94ZZ | Resection of chordae tendineae, percutaneous endoscopic approach |
| 021L4JP | Bypass left ventricle to pulmonary trunk with synthetic substitute, percutaneous endoscopic approach | 02TD0ZZ | Resection of papillary muscle, open approach |
| 021L4JQ | Bypass left ventricle to right pulmonary artery with synthetic substitute, percutaneous endoscopic approach | 02TD3ZZ | Resection of papillary muscle, percutaneous approach |
| 021L4JR | Bypass left ventricle to left pulmonary artery with synthetic substitute, percutaneous endoscopic approach | 02TD4ZZ | Resection of papillary muscle, percutaneous endoscopic approach |
| 021L4KP | Bypass left ventricle to pulmonary trunk with nonautologous tissue substitute, percutaneous endoscopic approach | 02TH0ZZ | Resection of pulmonary valve, open approach |

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| 021L4KQ | Bypass left ventricle to right pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach | 02TH3ZZ | Resection of pulmonary valve, percutaneous approach |
| 021L4KR | Bypass left ventricle to left pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach | 02TH4ZZ | Resection of pulmonary valve, percutaneous endoscopic approach |
| 021L4Z5 | Bypass left ventricle to coronary circulation, percutaneous endoscopic approach | 02TM0ZZ | Resection of ventricular septum, open approach |
| 021L4Z8 | Bypass left ventricle to right internal mammary, percutaneous endoscopic approach | 02TM3ZZ | Resection of ventricular septum, percutaneous approach |
| 021L4Z9 | Bypass left ventricle to left internal mammary, percutaneous endoscopic approach | 02TM4ZZ | Resection of ventricular septum, percutaneous endoscopic approach |
| 021L4ZC | Bypass left ventricle to thoracic artery, percutaneous endoscopic approach | 02TN0ZZ | Resection of pericardium, open approach |
| 021L4ZF | Bypass left ventricle to abdominal artery, percutaneous endoscopic approach | 02TN3ZZ | Resection of pericardium, percutaneous approach |
| 021L4ZP | Bypass left ventricle to pulmonary trunk, percutaneous endoscopic approach | 02TN4ZZ | Resection of pericardium, percutaneous endoscopic approach |
| 021L4ZQ | Bypass left ventricle to right pulmonary artery, percutaneous endoscopic approach | 02U007Z | Supplement coronary artery, one artery with autologous tissue substitute, open approach |
| 021L4ZR | Bypass left ventricle to left pulmonary artery, percutaneous endoscopic approach | 02U008Z | Supplement coronary artery, one artery with zooplastic tissue, open approach |
| 021L4ZW | Bypass left ventricle to aorta, percutaneous endoscopic approach | 02U00JZ | Supplement coronary artery, one artery with synthetic substitute, open approach |
| 024F07J | Creation of aortic valve from truncal valve using autologous tissue substitute, open approach | 02U00KZ | Supplement coronary artery, one artery with nonautologous tissue substitute, open approach |
| 024F08J | Creation of aortic valve from truncal valve using zooplastic tissue, open approach | 02U037Z | Supplement coronary artery, one artery with autologous tissue substitute, percutaneous approach |
| 024F0JJ | Creation of aortic valve from truncal valve using synthetic substitute, open approach | 02U038Z | Supplement coronary artery, one artery with zooplastic tissue, percutaneous approach |

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| 024F0KJ | Creation of aortic valve from truncal valve using nonautologous tissue substitute, open approach |
| 024G072 | Creation of mitral valve from common atrioventricular valve using autologous tissue substitute, open approach |
| 024G082 | Creation of mitral valve from common atrioventricular valve using zooplastic tissue, open approach |
| 024G0J2 | Creation of mitral valve from common atrioventricular valve using synthetic substitute, open approach |
| 024G0K2 | Creation of mitral valve from common atrioventricular valve using nonautologous tissue substitute, open approach |
| 024J072 | Creation of tricuspid valve from common atrioventricular valve using autologous tissue substitute, open approach |
| 024J082 | Creation of tricuspid valve from common atrioventricular valve using zooplastic tissue, open approach |
| 024J0J2 | Creation of tricuspid valve from common atrioventricular valve using synthetic substitute, open approach |
| 024J0K2 | Creation of tricuspid valve from common atrioventricular valve using nonautologous tissue substitute, open approach |
| 02540ZZ | Destruction of coronary vein, open approach |
| 02543ZZ | Destruction of coronary vein, percutaneous approach |
| 02544ZZ | Destruction of coronary vein, percutaneous endoscopic approach |
| 02550ZZ | Destruction of atrial septum, open approach |
| 02U03JZ | Supplement coronary artery, one artery with synthetic substitute, percutaneous approach |
| 02U03KZ | Supplement coronary artery, one artery with nonautologous tissue substitute, percutaneous approach |
| 02U047Z | Supplement coronary artery, one artery with autologous tissue substitute, percutaneous endoscopic approach |
| 02U048Z | Supplement coronary artery, one artery with zooplastic tissue, percutaneous endoscopic approach |
| 02U04JZ | Supplement coronary artery, one artery with synthetic substitute, percutaneous endoscopic approach |
| 02U04KZ | Supplement coronary artery, one artery with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02U107Z | Supplement coronary artery, two arteries with autologous tissue substitute, open approach |
| 02U108Z | Supplement coronary artery, two arteries with zooplastic tissue, open approach |
| 02U10JZ | Supplement coronary artery, two arteries with synthetic substitute, open approach |
| 02U10KZ | Supplement coronary artery, two arteries with nonautologous tissue substitute, open approach |
| 02U137Z | Supplement coronary artery, two arteries with autologous tissue substitute, percutaneous approach |
| 02U138Z | Supplement coronary artery, two arteries with zooplastic tissue, percutaneous approach |
| 02U13JZ | Supplement coronary artery, two arteries with synthetic substitute, percutaneous approach |

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| 02553ZZ | Destruction of atrial septum, percutaneous approach |
| 02554ZZ | Destruction of atrial septum, percutaneous endoscopic approach |
| 02560ZZ | Destruction of right atrium, open approach |
| 02563ZZ | Destruction of right atrium, percutaneous approach |
| 02564ZZ | Destruction of right atrium, percutaneous endoscopic approach |
| 02570ZK | Destruction of left atrial appendage, open approach |
| 02570ZZ | Destruction of left atrium, open approach |
| 02573ZK | Destruction of left atrial appendage, percutaneous approach |
| 02573ZZ | Destruction of left atrium, percutaneous approach |
| 02574ZK | Destruction of left atrial appendage, percutaneous endoscopic approach |
| 02574ZZ | Destruction of left atrium, percutaneous endoscopic approach |
| 02580ZZ | Destruction of conduction mechanism, open approach |
| 02583ZZ | Destruction of conduction mechanism, percutaneous approach |
| 02584ZZ | Destruction of conduction mechanism, percutaneous endoscopic approach |
| 02U13KZ | Supplement coronary artery, two arteries with nonautologous tissue substitute, percutaneous approach |
| 02U147Z | Supplement coronary artery, two arteries with autologous tissue substitute, percutaneous endoscopic approach |
| 02U148Z | Supplement coronary artery, two arteries with zooplastic tissue, percutaneous endoscopic approach |
| 02U14JZ | Supplement coronary artery, two arteries with synthetic substitute, percutaneous endoscopic approach |
| 02U14KZ | Supplement coronary artery, two arteries with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02U207Z | Supplement coronary artery, three arteries with autologous tissue substitute, open approach |
| 02U208Z | Supplement coronary artery, three arteries with zooplastic tissue, open approach |
| 02U20JZ | Supplement coronary artery, three arteries with synthetic substitute, open approach |
| 02U20KZ | Supplement coronary artery, three arteries with nonautologous tissue substitute, open approach |
| 02U237Z | Supplement coronary artery, three arteries with autologous tissue substitute, percutaneous approach |
| 02U238Z | Supplement coronary artery, three arteries with zooplastic tissue, percutaneous approach |
| 02U23JZ | Supplement coronary artery, three arteries with synthetic substitute, percutaneous approach |
| 02U23KZ | Supplement coronary artery, three arteries with nonautologous tissue substitute, percutaneous approach |
| 02U247Z | Supplement coronary artery, three arteries with autologous tissue substitute, percutaneous endoscopic approach |

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| 02590ZZ | Destruction of chordae tendineae, open approach | 02U248Z | Supplement coronary artery, three arteries with zooplastic tissue, percutaneous endoscopic approach |
| 02593ZZ | Destruction of chordae tendineae, percutaneous approach | 02U24JZ | Supplement coronary artery, three arteries with synthetic substitute, percutaneous endoscopic approach |
| 02594ZZ | Destruction of chordae tendineae, percutaneous endoscopic approach | 02U24KZ | Supplement coronary artery, three arteries with nonautologous tissue substitute, percutaneous endoscopic approach |
| 025D0ZZ | Destruction of papillary muscle, open approach | 02U307Z | Supplement coronary artery, four or more arteries with autologous tissue substitute, open approach |
| 025D3ZZ | Destruction of papillary muscle, percutaneous approach | 02U308Z | Supplement coronary artery, four or more arteries with zooplastic tissue, open approach |
| 025D4ZZ | Destruction of papillary muscle, percutaneous endoscopic approach | 02U30JZ | Supplement coronary artery, four or more arteries with synthetic substitute, open approach |
| 025F0ZZ | Destruction of aortic valve, open approach | 02U30KZ | Supplement coronary artery, four or more arteries with nonautologous tissue substitute, open approach |
| 025F3ZZ | Destruction of aortic valve, percutaneous approach | 02U337Z | Supplement coronary artery, four or more arteries with autologous tissue substitute, percutaneous approach |
| 025F4ZZ | Destruction of aortic valve, percutaneous endoscopic approach | 02U338Z | Supplement coronary artery, four or more arteries with zooplastic tissue, percutaneous approach |
| 025G0ZZ | Destruction of mitral valve, open approach | 02U33JZ | Supplement coronary artery, four or more arteries with synthetic substitute, percutaneous approach |
| 025G3ZZ | Destruction of mitral valve, percutaneous approach | 02U33KZ | Supplement coronary artery, four or more arteries with nonautologous tissue substitute, percutaneous approach |
| 025G4ZZ | Destruction of mitral valve, percutaneous endoscopic approach | 02U347Z | Supplement coronary artery, four or more arteries with autologous tissue substitute, percutaneous endoscopic approach |
| 025H0ZZ | Destruction of pulmonary valve, open approach | 02U348Z | Supplement coronary artery, four or more arteries with zooplastic tissue, percutaneous endoscopic approach |

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| 025H3ZZ | Destruction of pulmonary valve, percutaneous approach |
| 025H4ZZ | Destruction of pulmonary valve, percutaneous endoscopic approach |
| 025J0ZZ | Destruction of tricuspid valve, open approach |
| 025J3ZZ | Destruction of tricuspid valve, percutaneous approach |
| 025J4ZZ | Destruction of tricuspid valve, percutaneous endoscopic approach |
| 025K0ZZ | Destruction of right ventricle, open approach |
| 025K3ZZ | Destruction of right ventricle, percutaneous approach |
| 025K4ZZ | Destruction of right ventricle, percutaneous endoscopic approach |
| 025L0ZZ | Destruction of left ventricle, open approach |
| 025L3ZZ | Destruction of left ventricle, percutaneous approach |
| 025L4ZZ | Destruction of left ventricle, percutaneous endoscopic approach |
| 025M0ZZ | Destruction of ventricular septum, open approach |
| 025M3ZZ | Destruction of ventricular septum, percutaneous approach |
| 025M4ZZ | Destruction of ventricular septum, percutaneous endoscopic approach |
| 025N0ZZ | Destruction of pericardium, open approach |
| 02U34JZ | Supplement coronary artery, four or more arteries with synthetic substitute, percutaneous endoscopic approach |
| 02U34KZ | Supplement coronary artery, four or more arteries with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02U507Z | Supplement atrial septum with autologous tissue substitute, open approach |
| 02U508Z | Supplement atrial septum with zooplastic tissue, open approach |
| 02U50JZ | Supplement atrial septum with synthetic substitute, open approach |
| 02U50KZ | Supplement atrial septum with nonautologous tissue substitute, open approach |
| 02U537Z | Supplement atrial septum with autologous tissue substitute, percutaneous approach |
| 02U538Z | Supplement atrial septum with zooplastic tissue, percutaneous approach |
| 02U53JZ | Supplement atrial septum with synthetic substitute, percutaneous approach |
| 02U53KZ | Supplement atrial septum with nonautologous tissue substitute, percutaneous approach |
| 02U547Z | Supplement atrial septum with autologous tissue substitute, percutaneous endoscopic approach |
| 02U548Z | Supplement atrial septum with zooplastic tissue, percutaneous endoscopic approach |
| 02U54JZ | Supplement atrial septum with synthetic substitute, percutaneous endoscopic approach |
| 02U54KZ | Supplement atrial septum with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02U607Z | Supplement right atrium with autologous tissue substitute, open approach |

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| 025N3ZZ | Destruction of pericardium, percutaneous approach | 02U608Z | Supplement right atrium with zooplastic tissue, open approach |
| 025N4ZZ | Destruction of pericardium, percutaneous endoscopic approach | 02U60JZ | Supplement right atrium with synthetic substitute, open approach |
| 0270046 | Dilation of coronary artery, one artery, bifurcation, with drug-eluting intraluminal device, open approach | 02U60KZ | Supplement right atrium with nonautologous tissue substitute, open approach |
| 027004Z | Dilation of coronary artery, one artery with drug-eluting intraluminal device, open approach | 02U637Z | Supplement right atrium with autologous tissue substitute, percutaneous approach |
| 0270056 | Dilation of coronary artery, one artery, bifurcation, with two drug-eluting intraluminal devices, open approach | 02U638Z | Supplement right atrium with zooplastic tissue, percutaneous approach |
| 027005Z | Dilation of coronary artery, one artery with two drug-eluting intraluminal devices, open approach | 02U63JZ | Supplement right atrium with synthetic substitute, percutaneous approach |
| 0270066 | Dilation of coronary artery, one artery, bifurcation, with three drug-eluting intraluminal devices, open approach | 02U63KZ | Supplement right atrium with nonautologous tissue substitute, percutaneous approach |
| 027006Z | Dilation of coronary artery, one artery with three drug-eluting intraluminal devices, open approach | 02U647Z | Supplement right atrium with autologous tissue substitute, percutaneous endoscopic approach |
| 0270076 | Dilation of coronary artery, one artery, bifurcation, with four or more drug-eluting intraluminal devices, open approach | 02U648Z | Supplement right atrium with zooplastic tissue, percutaneous endoscopic approach |
| 027007Z | Dilation of coronary artery, one artery with four or more drug-eluting intraluminal devices, open approach | 02U64JZ | Supplement right atrium with synthetic substitute, percutaneous endoscopic approach |
| 02700D6 | Dilation of coronary artery, one artery, bifurcation, with intraluminal device, open approach | 02U64KZ | Supplement right atrium with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02700DZ | Dilation of coronary artery, one artery with intraluminal device, open approach | 02U707Z | Supplement left atrium with autologous tissue substitute, open approach |
| 02700E6 | Dilation of coronary artery, one artery, bifurcation, with two intraluminal devices, open approach | 02U708Z | Supplement left atrium with zooplastic tissue, open approach |
| 02700EZ | Dilation of coronary artery, one artery with two intraluminal devices, open approach | 02U70JZ | Supplement left atrium with synthetic substitute, open approach |

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| 02700F6 | Dilation of coronary artery, one artery, bifurcation, with three intraluminal devices, open approach |
| 02700FZ | Dilation of coronary artery, one artery with three intraluminal devices, open approach |
| 02700G6 | Dilation of coronary artery, one artery, bifurcation, with four or more intraluminal devices, open approach |
| 02700GZ | Dilation of coronary artery, one artery with four or more intraluminal devices, open approach |
| 02700T6 | Dilation of coronary artery, one artery, bifurcation, with radioactive intraluminal device, open approach |
| 02700TZ | Dilation of coronary artery, one artery with radioactive intraluminal device, open approach |
| 02700Z6 | Dilation of coronary artery, one artery, bifurcation, open approach |
| 02700ZZ | Dilation of coronary artery, one artery, open approach |
| 0270346 | Dilation of coronary artery, one artery, bifurcation, with drug-eluting intraluminal device, percutaneous approach |
| 027034Z | Dilation of coronary artery, one artery with drug-eluting intraluminal device, percutaneous approach |
| 0270356 | Dilation of coronary artery, one artery, bifurcation, with two drug-eluting intraluminal devices, percutaneous approach |
| 027035Z | Dilation of coronary artery, one artery with two drug-eluting intraluminal devices, percutaneous approach |
| 0270366 | Dilation of coronary artery, one artery, bifurcation, with three drug-eluting intraluminal devices, percutaneous approach |
| 027036Z | Dilation of coronary artery, one artery with three drug-eluting intraluminal devices, percutaneous approach |
| 02U70KZ | Supplement left atrium with nonautologous tissue substitute, open approach |
| 02U737Z | Supplement left atrium with autologous tissue substitute, percutaneous approach |
| 02U738Z | Supplement left atrium with zooplastic tissue, percutaneous approach |
| 02U73JZ | Supplement left atrium with synthetic substitute, percutaneous approach |
| 02U73KZ | Supplement left atrium with nonautologous tissue substitute, percutaneous approach |
| 02U747Z | Supplement left atrium with autologous tissue substitute, percutaneous endoscopic approach |
| 02U748Z | Supplement left atrium with zooplastic tissue, percutaneous endoscopic approach |
| 02U74JZ | Supplement left atrium with synthetic substitute, percutaneous endoscopic approach |
| 02U74KZ | Supplement left atrium with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02U907Z | Supplement chordae tendineae with autologous tissue substitute, open approach |
| 02U908Z | Supplement chordae tendineae with zooplastic tissue, open approach |
| 02U90JZ | Supplement chordae tendineae with synthetic substitute, open approach |
| 02U90KZ | Supplement chordae tendineae with nonautologous tissue substitute, open approach |
| 02U937Z | Supplement chordae tendineae with autologous tissue substitute, percutaneous approach |

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| 0270376 | Dilation of coronary artery, one artery, bifurcation, with four or more drug-eluting intraluminal devices, percutaneous approach | 02U938Z | Supplement chordae tendineae with zooplastic tissue, percutaneous approach |
| 027037Z | Dilation of coronary artery, one artery with four or more drug-eluting intraluminal devices, percutaneous approach | 02U93JZ | Supplement chordae tendineae with synthetic substitute, percutaneous approach |
| 02703D6 | Dilation of coronary artery, one artery, bifurcation, with intraluminal device, percutaneous approach | 02U93KZ | Supplement chordae tendineae with nonautologous tissue substitute, percutaneous approach |
| 02703DZ | Dilation of coronary artery, one artery with intraluminal device, percutaneous approach | 02U947Z | Supplement chordae tendineae with autologous tissue substitute, percutaneous endoscopic approach |
| 02703E6 | Dilation of coronary artery, one artery, bifurcation, with two intraluminal devices, percutaneous approach | 02U948Z | Supplement chordae tendineae with zooplastic tissue, percutaneous endoscopic approach |
| 02703EZ | Dilation of coronary artery, one artery with two intraluminal devices, percutaneous approach | 02U94JZ | Supplement chordae tendineae with synthetic substitute, percutaneous endoscopic approach |
| 02703F6 | Dilation of coronary artery, one artery, bifurcation, with three intraluminal devices, percutaneous approach | 02U94KZ | Supplement chordae tendineae with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02703FZ | Dilation of coronary artery, one artery with three intraluminal devices, percutaneous approach | 02UA07Z | Supplement heart with autologous tissue substitute, open approach |
| 02703G6 | Dilation of coronary artery, one artery, bifurcation, with four or more intraluminal devices, percutaneous approach | 02UA08Z | Supplement heart with zooplastic tissue, open approach |
| 02703GZ | Dilation of coronary artery, one artery with four or more intraluminal devices, percutaneous approach | 02UA0JZ | Supplement heart with synthetic substitute, open approach |
| 02703T6 | Dilation of coronary artery, one artery, bifurcation, with radioactive intraluminal device, percutaneous approach | 02UA0KZ | Supplement heart with nonautologous tissue substitute, open approach |
| 02703TZ | Dilation of coronary artery, one artery with radioactive intraluminal device, percutaneous approach | 02UA37Z | Supplement heart with autologous tissue substitute, percutaneous approach |
| 02703Z6 | Dilation of coronary artery, one artery, bifurcation, percutaneous approach | 02UA38Z | Supplement heart with zooplastic tissue, percutaneous approach |

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| 02703ZZ | Dilation of coronary artery, one artery, percutaneous approach |
| 0270446 | Dilation of coronary artery, one artery, bifurcation, with drug-eluting intraluminal device, percutaneous endoscopic approach |
| 027044Z | Dilation of coronary artery, one artery with drug-eluting intraluminal device, percutaneous endoscopic approach |
| 0270456 | Dilation of coronary artery, one artery, bifurcation, with two drug-eluting intraluminal devices, percutaneous endoscopic approach |
| 027045Z | Dilation of coronary artery, one artery with two drug-eluting intraluminal devices, percutaneous endoscopic approach |
| 0270466 | Dilation of coronary artery, one artery, bifurcation, with three drug-eluting intraluminal devices, percutaneous endoscopic approach |
| 027046Z | Dilation of coronary artery, one artery with three drug-eluting intraluminal devices, percutaneous endoscopic approach |
| 0270476 | Dilation of coronary artery, one artery, bifurcation, with four or more drug-eluting intraluminal devices, percutaneous endoscopic approach |
| 027047Z | Dilation of coronary artery, one artery with four or more drug-eluting intraluminal devices, percutaneous endoscopic approach |
| 02704D6 | Dilation of coronary artery, one artery, bifurcation, with intraluminal device, percutaneous endoscopic approach |
| 02704DZ | Dilation of coronary artery, one artery with intraluminal device, percutaneous endoscopic approach |
| 02704E6 | Dilation of coronary artery, one artery, bifurcation, with two intraluminal devices, percutaneous endoscopic approach |
| 02UA3JZ | Supplement heart with synthetic substitute, percutaneous approach |
| 02UA3KZ | Supplement heart with nonautologous tissue substitute, percutaneous approach |
| 02UA47Z | Supplement heart with autologous tissue substitute, percutaneous endoscopic approach |
| 02UA48Z | Supplement heart with zooplastic tissue, percutaneous endoscopic approach |
| 02UA4JZ | Supplement heart with synthetic substitute, percutaneous endoscopic approach |
| 02UA4KZ | Supplement heart with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02UD07Z | Supplement papillary muscle with autologous tissue substitute, open approach |
| 02UD08Z | Supplement papillary muscle with zooplastic tissue, open approach |
| 02UD0JZ | Supplement papillary muscle with synthetic substitute, open approach |
| 02UD0KZ | Supplement papillary muscle with nonautologous tissue substitute, open approach |
| 02UD37Z | Supplement papillary muscle with autologous tissue substitute, percutaneous approach |
| 02UD38Z | Supplement papillary muscle with zooplastic tissue, percutaneous approach |

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| 02704EZ | Dilation of coronary artery, one artery with two intraluminal devices, percutaneous endoscopic approach |
| 02704F6 | Dilation of coronary artery, one artery, bifurcation, with three intraluminal devices, percutaneous endoscopic approach |
| 02704FZ | Dilation of coronary artery, one artery with three intraluminal devices, percutaneous endoscopic approach |
| 02704G6 | Dilation of coronary artery, one artery, bifurcation, with four or more intraluminal devices, percutaneous endoscopic approach |
| 02704GZ | Dilation of coronary artery, one artery with four or more intraluminal devices, percutaneous endoscopic approach |
| 02704T6 | Dilation of coronary artery, one artery, bifurcation, with radioactive intraluminal device, percutaneous endoscopic approach |
| 02704TZ | Dilation of coronary artery, one artery with radioactive intraluminal device, percutaneous endoscopic approach |
| 02704Z6 | Dilation of coronary artery, one artery, bifurcation, percutaneous endoscopic approach |
| 02704ZZ | Dilation of coronary artery, one artery, percutaneous endoscopic approach |
| 0271046 | Dilation of coronary artery, two arteries, bifurcation, with drug-eluting intraluminal device, open approach |
| 027104Z | Dilation of coronary artery, two arteries with drug-eluting intraluminal device, open approach |
| 0271056 | Dilation of coronary artery, two arteries, bifurcation, with two drug-eluting intraluminal devices, open approach |
| 027105Z | Dilation of coronary artery, two arteries with two drug-eluting intraluminal devices, open approach |
| 02UD3JZ | Supplement papillary muscle with synthetic substitute, percutaneous approach |
| 02UD3KZ | Supplement papillary muscle with nonautologous tissue substitute, percutaneous approach |
| 02UD47Z | Supplement papillary muscle with autologous tissue substitute, percutaneous endoscopic approach |
| 02UD48Z | Supplement papillary muscle with zooplastic tissue, percutaneous endoscopic approach |
| 02UD4JZ | Supplement papillary muscle with synthetic substitute, percutaneous endoscopic approach |
| 02UD4KZ | Supplement papillary muscle with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02UF07J | Supplement aortic valve created from truncal valve with autologous tissue substitute, open approach |
| 02UF07Z | Supplement aortic valve with autologous tissue substitute, open approach |
| 02UF08J | Supplement aortic valve created from truncal valve with zooplastic tissue, open approach |
| 02UF08Z | Supplement aortic valve with zooplastic tissue, open approach |
| 02UF0JJ | Supplement aortic valve created from truncal valve with synthetic substitute, open approach |
| 02UF0JZ | Supplement aortic valve with synthetic substitute, open approach |
| 02UF0KJ | Supplement aortic valve created from truncal valve with nonautologous tissue substitute, open approach |

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| 0271066 | Dilation of coronary artery, two arteries, bifurcation, with three drug-eluting intraluminal devices, open approach | 02UF0KZ | Supplement aortic valve with nonautologous tissue substitute, open approach |
| 027106Z | Dilation of coronary artery, two arteries with three drug-eluting intraluminal devices, open approach | 02UF37J | Supplement aortic valve created from truncal valve with autologous tissue substitute, percutaneous approach |
| 0271076 | Dilation of coronary artery, two arteries, bifurcation, with four or more drug-eluting intraluminal devices, open approach | 02UF37Z | Supplement aortic valve with autologous tissue substitute, percutaneous approach |
| 027107Z | Dilation of coronary artery, two arteries with four or more drug-eluting intraluminal devices, open approach | 02UF38J | Supplement aortic valve created from truncal valve with zooplastic tissue, percutaneous approach |
| 02710D6 | Dilation of coronary artery, two arteries, bifurcation, with intraluminal device, open approach | 02UF38Z | Supplement aortic valve with zooplastic tissue, percutaneous approach |
| 02710DZ | Dilation of coronary artery, two arteries with intraluminal device, open approach | 02UF3JJ | Supplement aortic valve created from truncal valve with synthetic substitute, percutaneous approach |
| 02710E6 | Dilation of coronary artery, two arteries, bifurcation, with two intraluminal devices, open approach | 02UF3JZ | Supplement aortic valve with synthetic substitute, percutaneous approach |
| 02710EZ | Dilation of coronary artery, two arteries with two intraluminal devices, open approach | 02UF3KJ | Supplement aortic valve created from truncal valve with nonautologous tissue substitute, percutaneous approach |
| 02710F6 | Dilation of coronary artery, two arteries, bifurcation, with three intraluminal devices, open approach | 02UF3KZ | Supplement aortic valve with nonautologous tissue substitute, percutaneous approach |
| 02710FZ | Dilation of coronary artery, two arteries with three intraluminal devices, open approach | 02UF47J | Supplement aortic valve created from truncal valve with autologous tissue substitute, percutaneous endoscopic approach |
| 02710G6 | Dilation of coronary artery, two arteries, bifurcation, with four or more intraluminal devices, open approach | 02UF47Z | Supplement aortic valve with autologous tissue substitute, percutaneous endoscopic approach |
| 02710GZ | Dilation of coronary artery, two arteries with four or more intraluminal devices, open approach | 02UF48J | Supplement aortic valve created from truncal valve with zooplastic tissue, percutaneous endoscopic approach |
| 02710T6 | Dilation of coronary artery, two arteries, bifurcation, with radioactive intraluminal device, open approach | 02UF48Z | Supplement aortic valve with zooplastic tissue, percutaneous endoscopic approach |

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| 02710TZ | Dilation of coronary artery, two arteries with radioactive intraluminal device, open approach | 02UF4JJ | Supplement aortic valve created from truncal valve with synthetic substitute, percutaneous endoscopic approach |
| 02710Z6 | Dilation of coronary artery, two arteries, bifurcation, open approach | 02UF4JZ | Supplement aortic valve with synthetic substitute, percutaneous endoscopic approach |
| 02710ZZ | Dilation of coronary artery, two arteries, open approach | 02UF4KJ | Supplement aortic valve created from truncal valve with nonautologous tissue substitute, percutaneous endoscopic approach |
| 0271346 | Dilation of coronary artery, two arteries, bifurcation, with drug-eluting intraluminal device, percutaneous approach | 02UF4KZ | Supplement aortic valve with nonautologous tissue substitute, percutaneous endoscopic approach |
| 027134Z | Dilation of coronary artery, two arteries with drug-eluting intraluminal device, percutaneous approach | 02UG07E | Supplement mitral valve created from left atrioventricular valve with autologous tissue substitute, open approach |
| 0271356 | Dilation of coronary artery, two arteries, bifurcation, with two drug-eluting intraluminal devices, percutaneous approach | 02UG07Z | Supplement mitral valve with autologous tissue substitute, open approach |
| 027135Z | Dilation of coronary artery, two arteries with two drug-eluting intraluminal devices, percutaneous approach | 02UG08E | Supplement mitral valve created from left atrioventricular valve with zooplastic tissue, open approach |
| 0271366 | Dilation of coronary artery, two arteries, bifurcation, with three drug-eluting intraluminal devices, percutaneous approach | 02UG08Z | Supplement mitral valve with zooplastic tissue, open approach |
| 027136Z | Dilation of coronary artery, two arteries with three drug-eluting intraluminal devices, percutaneous approach | 02UG0JE | Supplement mitral valve created from left atrioventricular valve with synthetic substitute, open approach |
| 0271376 | Dilation of coronary artery, two arteries, bifurcation, with four or more drug-eluting intraluminal devices, percutaneous approach | 02UG0JZ | Supplement mitral valve with synthetic substitute, open approach |
| 027137Z | Dilation of coronary artery, two arteries with four or more drug-eluting intraluminal devices, percutaneous approach | 02UG0KE | Supplement mitral valve created from left atrioventricular valve with nonautologous tissue substitute, open approach |
| 02713D6 | Dilation of coronary artery, two arteries, bifurcation, with intraluminal device, percutaneous approach | 02UG0KZ | Supplement mitral valve with nonautologous tissue substitute, open approach |

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| 02713DZ | Dilation of coronary artery, two arteries with intraluminal device, percutaneous approach |
| 02713E6 | Dilation of coronary artery, two arteries, bifurcation, with two intraluminal devices, percutaneous approach |
| 02713EZ | Dilation of coronary artery, two arteries with two intraluminal devices, percutaneous approach |
| 02713F6 | Dilation of coronary artery, two arteries, bifurcation, with three intraluminal devices, percutaneous approach |
| 02713FZ | Dilation of coronary artery, two arteries with three intraluminal devices, percutaneous approach |
| 02713G6 | Dilation of coronary artery, two arteries, bifurcation, with four or more intraluminal devices, percutaneous approach |
| 02713GZ | Dilation of coronary artery, two arteries with four or more intraluminal devices, percutaneous approach |
| 02713T6 | Dilation of coronary artery, two arteries, bifurcation, with radioactive intraluminal device, percutaneous approach |
| 02713TZ | Dilation of coronary artery, two arteries with radioactive intraluminal device, percutaneous approach |
| 02713Z6 | Dilation of coronary artery, two arteries, bifurcation, percutaneous approach |
| 02713ZZ | Dilation of coronary artery, two arteries, percutaneous approach |
| 0271446 | Dilation of coronary artery, two arteries, bifurcation, with drug-eluting intraluminal device, percutaneous endoscopic approach |
| 02UG37E | Supplement mitral valve created from left atrioventricular valve with autologous tissue substitute, percutaneous approach |
| 02UG37Z | Supplement mitral valve with autologous tissue substitute, percutaneous approach |
| 02UG38E | Supplement mitral valve created from left atrioventricular valve with zooplastic tissue, percutaneous approach |
| 02UG38Z | Supplement mitral valve with zooplastic tissue, percutaneous approach |
| 02UG3JE | Supplement mitral valve created from left atrioventricular valve with synthetic substitute, percutaneous approach |
| 02UG3JH | Supplement mitral valve with synthetic substitute, transapical, percutaneous approach |
| 02UG3JZ | Supplement mitral valve with synthetic substitute, percutaneous approach |
| 02UG3KE | Supplement mitral valve created from left atrioventricular valve with nonautologous tissue substitute, percutaneous approach |
| 02UG3KZ | Supplement mitral valve with nonautologous tissue substitute, percutaneous approach |
| 02UG47E | Supplement mitral valve created from left atrioventricular valve with autologous tissue substitute, percutaneous endoscopic approach |
| 02UG47Z | Supplement mitral valve with autologous tissue substitute, percutaneous endoscopic approach |
| 02UG48E | Supplement mitral valve created from left atrioventricular valve with zooplastic tissue, percutaneous endoscopic approach |

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| 027144Z | Dilation of coronary artery, two arteries with drug-eluting intraluminal device, percutaneous endoscopic approach | 02UG48Z | Supplement mitral valve with zooplastic tissue, percutaneous endoscopic approach |
| 0271456 | Dilation of coronary artery, two arteries, bifurcation, with two drug-eluting intraluminal devices, percutaneous endoscopic approach | 02UG4JE | Supplement mitral valve created from left atrioventricular valve with synthetic substitute, percutaneous endoscopic approach |
| 027145Z | Dilation of coronary artery, two arteries with two drug-eluting intraluminal devices, percutaneous endoscopic approach | 02UG4JZ | Supplement mitral valve with synthetic substitute, percutaneous endoscopic approach |
| 0271466 | Dilation of coronary artery, two arteries, bifurcation, with three drug-eluting intraluminal devices, percutaneous endoscopic approach | 02UG4KE | Supplement mitral valve created from left atrioventricular valve with nonautologous tissue substitute, percutaneous endoscopic approach |
| 027146Z | Dilation of coronary artery, two arteries with three drug-eluting intraluminal devices, percutaneous endoscopic approach | 02UG4KZ | Supplement mitral valve with nonautologous tissue substitute, percutaneous endoscopic approach |
| 0271476 | Dilation of coronary artery, two arteries, bifurcation, with four or more drug-eluting intraluminal devices, percutaneous endoscopic approach | 02UH07Z | Supplement pulmonary valve with autologous tissue substitute, open approach |
| 027147Z | Dilation of coronary artery, two arteries with four or more drug-eluting intraluminal devices, percutaneous endoscopic approach | 02UH08Z | Supplement pulmonary valve with zooplastic tissue, open approach |
| 02714D6 | Dilation of coronary artery, two arteries, bifurcation, with intraluminal device, percutaneous endoscopic approach | 02UH0JZ | Supplement pulmonary valve with synthetic substitute, open approach |
| 02714DZ | Dilation of coronary artery, two arteries with intraluminal device, percutaneous endoscopic approach | 02UH0KZ | Supplement pulmonary valve with nonautologous tissue substitute, open approach |
| 02714E6 | Dilation of coronary artery, two arteries, bifurcation, with two intraluminal devices, percutaneous endoscopic approach | 02UH37Z | Supplement pulmonary valve with autologous tissue substitute, percutaneous approach |
| 02714EZ | Dilation of coronary artery, two arteries with two intraluminal devices, percutaneous endoscopic approach | 02UH38Z | Supplement pulmonary valve with zooplastic tissue, percutaneous approach |

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| 02714F6 | Dilation of coronary artery, two arteries, bifurcation, with three intraluminal devices, percutaneous endoscopic approach | 02UH3JZ | Supplement pulmonary valve with synthetic substitute, percutaneous approach |
| 02714FZ | Dilation of coronary artery, two arteries with three intraluminal devices, percutaneous endoscopic approach | 02UH3KZ | Supplement pulmonary valve with nonautologous tissue substitute, percutaneous approach |
| 02714G6 | Dilation of coronary artery, two arteries, bifurcation, with four or more intraluminal devices, percutaneous endoscopic approach | 02UH47Z | Supplement pulmonary valve with autologous tissue substitute, percutaneous endoscopic approach |
| 02714GZ | Dilation of coronary artery, two arteries with four or more intraluminal devices, percutaneous endoscopic approach | 02UH48Z | Supplement pulmonary valve with zooplastic tissue, percutaneous endoscopic approach |
| 02714T6 | Dilation of coronary artery, two arteries, bifurcation, with radioactive intraluminal device, percutaneous endoscopic approach | 02UH4JZ | Supplement pulmonary valve with synthetic substitute, percutaneous endoscopic approach |
| 02714TZ | Dilation of coronary artery, two arteries with radioactive intraluminal device, percutaneous endoscopic approach | 02UH4KZ | Supplement pulmonary valve with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02714Z6 | Dilation of coronary artery, two arteries, bifurcation, percutaneous endoscopic approach | 02UJ07G | Supplement tricuspid valve created from right atrioventricular valve with autologous tissue substitute, open approach |
| 02714ZZ | Dilation of coronary artery, two arteries, percutaneous endoscopic approach | 02UJ07Z | Supplement tricuspid valve with autologous tissue substitute, open approach |
| 0272046 | Dilation of coronary artery, three arteries, bifurcation, with drug-eluting intraluminal device, open approach | 02UJ08G | Supplement tricuspid valve created from right atrioventricular valve with zooplastic tissue, open approach |
| 027204Z | Dilation of coronary artery, three arteries with drug-eluting intraluminal device, open approach | 02UJ08Z | Supplement tricuspid valve with zooplastic tissue, open approach |
| 0272056 | Dilation of coronary artery, three arteries, bifurcation, with two drug-eluting intraluminal devices, open approach | 02UJ0JG | Supplement tricuspid valve created from right atrioventricular valve with synthetic substitute, open approach |
| 027205Z | Dilation of coronary artery, three arteries with two drug-eluting intraluminal devices, open approach | 02UJ0JZ | Supplement tricuspid valve with synthetic substitute, open approach |

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| 0272066 | Dilation of coronary artery, three arteries, bifurcation, with three drug-eluting intraluminal devices, open approach | 02UJ0KG | Supplement tricuspid valve created from right atrioventricular valve with nonautologous tissue substitute, open approach |
| 027206Z | Dilation of coronary artery, three arteries with three drug-eluting intraluminal devices, open approach | 02UJ0KZ | Supplement tricuspid valve with nonautologous tissue substitute, open approach |
| 0272076 | Dilation of coronary artery, three arteries, bifurcation, with four or more drug-eluting intraluminal devices, open approach | 02UJ37G | Supplement tricuspid valve created from right atrioventricular valve with autologous tissue substitute, percutaneous approach |
| 027207Z | Dilation of coronary artery, three arteries with four or more drug-eluting intraluminal devices, open approach | 02UJ37Z | Supplement tricuspid valve with autologous tissue substitute, percutaneous approach |
| 02720D6 | Dilation of coronary artery, three arteries, bifurcation, with intraluminal device, open approach | 02UJ38G | Supplement tricuspid valve created from right atrioventricular valve with zooplastic tissue, percutaneous approach |
| 02720DZ | Dilation of coronary artery, three arteries with intraluminal device, open approach | 02UJ38Z | Supplement tricuspid valve with zooplastic tissue, percutaneous approach |
| 02720E6 | Dilation of coronary artery, three arteries, bifurcation, with two intraluminal devices, open approach | 02UJ3JG | Supplement tricuspid valve created from right atrioventricular valve with synthetic substitute, percutaneous approach |
| 02720EZ | Dilation of coronary artery, three arteries with two intraluminal devices, open approach | 02UJ3JZ | Supplement tricuspid valve with synthetic substitute, percutaneous approach |
| 02720F6 | Dilation of coronary artery, three arteries, bifurcation, with three intraluminal devices, open approach | 02UJ3KG | Supplement tricuspid valve created from right atrioventricular valve with nonautologous tissue substitute, percutaneous approach |
| 02720FZ | Dilation of coronary artery, three arteries with three intraluminal devices, open approach | 02UJ3KZ | Supplement tricuspid valve with nonautologous tissue substitute, percutaneous approach |
| 02720G6 | Dilation of coronary artery, three arteries, bifurcation, with four or more intraluminal devices, open approach | 02UJ47G | Supplement tricuspid valve created from right atrioventricular valve with autologous tissue substitute, percutaneous endoscopic approach |
| 02720GZ | Dilation of coronary artery, three arteries with four or more intraluminal devices, open approach | 02UJ47Z | Supplement tricuspid valve with autologous tissue substitute, percutaneous endoscopic approach |

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| 02720T6 | Dilation of coronary artery, three arteries, bifurcation, with radioactive intraluminal device, open approach | 02UJ48G | Supplement tricuspid valve created from right atrioventricular valve with zooplastic tissue, percutaneous endoscopic approach |
| 02720TZ | Dilation of coronary artery, three arteries with radioactive intraluminal device, open approach | 02UJ48Z | Supplement tricuspid valve with zooplastic tissue, percutaneous endoscopic approach |
| 02720Z6 | Dilation of coronary artery, three arteries, bifurcation, open approach | 02UJ4JG | Supplement tricuspid valve created from right atrioventricular valve with synthetic substitute, percutaneous endoscopic approach |
| 02720ZZ | Dilation of coronary artery, three arteries, open approach | 02UJ4JZ | Supplement tricuspid valve with synthetic substitute, percutaneous endoscopic approach |
| 0272346 | Dilation of coronary artery, three arteries, bifurcation, with drug-eluting intraluminal device, percutaneous approach | 02UJ4KG | Supplement tricuspid valve created from right atrioventricular valve with nonautologous tissue substitute, percutaneous endoscopic approach |
| 027234Z | Dilation of coronary artery, three arteries with drug-eluting intraluminal device, percutaneous approach | 02UJ4KZ | Supplement tricuspid valve with nonautologous tissue substitute, percutaneous endoscopic approach |
| 0272356 | Dilation of coronary artery, three arteries, bifurcation, with two drug-eluting intraluminal devices, percutaneous approach | 02UK07Z | Supplement right ventricle with autologous tissue substitute, open approach |
| 027235Z | Dilation of coronary artery, three arteries with two drug-eluting intraluminal devices, percutaneous approach | 02UK08Z | Supplement right ventricle with zooplastic tissue, open approach |
| 0272366 | Dilation of coronary artery, three arteries, bifurcation, with three drug-eluting intraluminal devices, percutaneous approach | 02UK0JZ | Supplement right ventricle with synthetic substitute, open approach |
| 027236Z | Dilation of coronary artery, three arteries with three drug-eluting intraluminal devices, percutaneous approach | 02UK0KZ | Supplement right ventricle with nonautologous tissue substitute, open approach |
| 0272376 | Dilation of coronary artery, three arteries, bifurcation, with four or more drug-eluting intraluminal devices, percutaneous approach | 02UK37Z | Supplement right ventricle with autologous tissue substitute, percutaneous approach |
| 027237Z | Dilation of coronary artery, three arteries with four or more drug-eluting intraluminal devices, percutaneous approach | 02UK38Z | Supplement right ventricle with zooplastic tissue, percutaneous approach |

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| 02723D6 | Dilation of coronary artery, three arteries, bifurcation, with intraluminal device, percutaneous approach | 02UK3JZ | Supplement right ventricle with synthetic substitute, percutaneous approach |
| 02723DZ | Dilation of coronary artery, three arteries with intraluminal device, percutaneous approach | 02UK3KZ | Supplement right ventricle with nonautologous tissue substitute, percutaneous approach |
| 02723E6 | Dilation of coronary artery, three arteries, bifurcation, with two intraluminal devices, percutaneous approach | 02UK47Z | Supplement right ventricle with autologous tissue substitute, percutaneous endoscopic approach |
| 02723EZ | Dilation of coronary artery, three arteries with two intraluminal devices, percutaneous approach | 02UK48Z | Supplement right ventricle with zooplastic tissue, percutaneous endoscopic approach |
| 02723F6 | Dilation of coronary artery, three arteries, bifurcation, with three intraluminal devices, percutaneous approach | 02UK4JZ | Supplement right ventricle with synthetic substitute, percutaneous endoscopic approach |
| 02723FZ | Dilation of coronary artery, three arteries with three intraluminal devices, percutaneous approach | 02UK4KZ | Supplement right ventricle with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02723G6 | Dilation of coronary artery, three arteries, bifurcation, with four or more intraluminal devices, percutaneous approach | 02UL07Z | Supplement left ventricle with autologous tissue substitute, open approach |
| 02723GZ | Dilation of coronary artery, three arteries with four or more intraluminal devices, percutaneous approach | 02UL08Z | Supplement left ventricle with zooplastic tissue, open approach |
| 02723T6 | Dilation of coronary artery, three arteries, bifurcation, with radioactive intraluminal device, percutaneous approach | 02UL0JZ | Supplement left ventricle with synthetic substitute, open approach |
| 02723TZ | Dilation of coronary artery, three arteries with radioactive intraluminal device, percutaneous approach | 02UL0KZ | Supplement left ventricle with nonautologous tissue substitute, open approach |
| 02723Z6 | Dilation of coronary artery, three arteries, bifurcation, percutaneous approach | 02UL37Z | Supplement left ventricle with autologous tissue substitute, percutaneous approach |
| 02723ZZ | Dilation of coronary artery, three arteries, percutaneous approach | 02UL38Z | Supplement left ventricle with zooplastic tissue, percutaneous approach |
| 0272446 | Dilation of coronary artery, three arteries, bifurcation, with drug-eluting intraluminal device, percutaneous endoscopic approach | 02UL3JZ | Supplement left ventricle with synthetic substitute, percutaneous approach |

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| 027244Z | Dilation of coronary artery, three arteries with drug-eluting intraluminal device, percutaneous endoscopic approach | 02UL3KZ | Supplement left ventricle with nonautologous tissue substitute, percutaneous approach |
| 0272456 | Dilation of coronary artery, three arteries, bifurcation, with two drug-eluting intraluminal devices, percutaneous endoscopic approach | 02UL47Z | Supplement left ventricle with autologous tissue substitute, percutaneous endoscopic approach |
| 027245Z | Dilation of coronary artery, three arteries with two drug-eluting intraluminal devices, percutaneous endoscopic approach | 02UL48Z | Supplement left ventricle with zooplastic tissue, percutaneous endoscopic approach |
| 0272466 | Dilation of coronary artery, three arteries, bifurcation, with three drug-eluting intraluminal devices, percutaneous endoscopic approach | 02UL4JZ | Supplement left ventricle with synthetic substitute, percutaneous endoscopic approach |
| 027246Z | Dilation of coronary artery, three arteries with three drug-eluting intraluminal devices, percutaneous endoscopic approach | 02UL4KZ | Supplement left ventricle with nonautologous tissue substitute, percutaneous endoscopic approach |
| 0272476 | Dilation of coronary artery, three arteries, bifurcation, with four or more drug-eluting intraluminal devices, percutaneous endoscopic approach | 02UM07Z | Supplement ventricular septum with autologous tissue substitute, open approach |
| 027247Z | Dilation of coronary artery, three arteries with four or more drug-eluting intraluminal devices, percutaneous endoscopic approach | 02UM08Z | Supplement ventricular septum with zooplastic tissue, open approach |
| 02724D6 | Dilation of coronary artery, three arteries, bifurcation, with intraluminal device, percutaneous endoscopic approach | 02UM0JZ | Supplement ventricular septum with synthetic substitute, open approach |
| 02724DZ | Dilation of coronary artery, three arteries with intraluminal device, percutaneous endoscopic approach | 02UM0KZ | Supplement ventricular septum with nonautologous tissue substitute, open approach |
| 02724E6 | Dilation of coronary artery, three arteries, bifurcation, with two intraluminal devices, percutaneous endoscopic approach | 02UM37Z | Supplement ventricular septum with autologous tissue substitute, percutaneous approach |
| 02724EZ | Dilation of coronary artery, three arteries with two intraluminal devices, percutaneous endoscopic approach | 02UM38Z | Supplement ventricular septum with zooplastic tissue, percutaneous approach |

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| 02724F6 | Dilation of coronary artery, three arteries, bifurcation, with three intraluminal devices, percutaneous endoscopic approach | 02UM3JZ | Supplement ventricular septum with synthetic substitute, percutaneous approach |
| 02724FZ | Dilation of coronary artery, three arteries with three intraluminal devices, percutaneous endoscopic approach | 02UM3KZ | Supplement ventricular septum with nonautologous tissue substitute, percutaneous approach |
| 02724G6 | Dilation of coronary artery, three arteries, bifurcation, with four or more intraluminal devices, percutaneous endoscopic approach | 02UM47Z | Supplement ventricular septum with autologous tissue substitute, percutaneous endoscopic approach |
| 02724GZ | Dilation of coronary artery, three arteries with four or more intraluminal devices, percutaneous endoscopic approach | 02UM48Z | Supplement ventricular septum with zooplastic tissue, percutaneous endoscopic approach |
| 02724T6 | Dilation of coronary artery, three arteries, bifurcation, with radioactive intraluminal device, percutaneous endoscopic approach | 02UM4JZ | Supplement ventricular septum with synthetic substitute, percutaneous endoscopic approach |
| 02724TZ | Dilation of coronary artery, three arteries with radioactive intraluminal device, percutaneous endoscopic approach | 02UM4KZ | Supplement ventricular septum with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02724Z6 | Dilation of coronary artery, three arteries, bifurcation, percutaneous endoscopic approach | 02UN07Z | Supplement pericardium with autologous tissue substitute, open approach |
| 02724ZZ | Dilation of coronary artery, three arteries, percutaneous endoscopic approach | 02UN08Z | Supplement pericardium with zooplastic tissue, open approach |
| 0273046 | Dilation of coronary artery, four or more arteries, bifurcation, with drug-eluting intraluminal device, open approach | 02UN0JZ | Supplement pericardium with synthetic substitute, open approach |
| 027304Z | Dilation of coronary artery, four or more arteries with drug-eluting intraluminal device, open approach | 02UN0KZ | Supplement pericardium with nonautologous tissue substitute, open approach |
| 0273056 | Dilation of coronary artery, four or more arteries, bifurcation, with two drug-eluting intraluminal devices, open approach | 02UN37Z | Supplement pericardium with autologous tissue substitute, percutaneous approach |
| 027305Z | Dilation of coronary artery, four or more arteries with two drug-eluting intraluminal devices, open approach | 02UN38Z | Supplement pericardium with zooplastic tissue, percutaneous approach |

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| 0273066 | Dilation of coronary artery, four or more arteries, bifurcation, with three drug-eluting intraluminal devices, open approach |
| 027306Z | Dilation of coronary artery, four or more arteries with three drug-eluting intraluminal devices, open approach |
| 0273076 | Dilation of coronary artery, four or more arteries, bifurcation, with four or more drug-eluting intraluminal devices, open approach |
| 027307Z | Dilation of coronary artery, four or more arteries with four or more drug-eluting intraluminal devices, open approach |
| 02730D6 | Dilation of coronary artery, four or more arteries, bifurcation, with intraluminal device, open approach |
| 02730DZ | Dilation of coronary artery, four or more arteries with intraluminal device, open approach |
| 02730E6 | Dilation of coronary artery, four or more arteries, bifurcation, with two intraluminal devices, open approach |
| 02730EZ | Dilation of coronary artery, four or more arteries with two intraluminal devices, open approach |
| 02730F6 | Dilation of coronary artery, four or more arteries, bifurcation, with three intraluminal devices, open approach |
| 02730FZ | Dilation of coronary artery, four or more arteries with three intraluminal devices, open approach |
| 02730G6 | Dilation of coronary artery, four or more arteries, bifurcation, with four or more intraluminal devices, open approach |
| 02730GZ | Dilation of coronary artery, four or more arteries with four or more intraluminal devices, open approach |
| 02730T6 | Dilation of coronary artery, four or more arteries, bifurcation, with radioactive intraluminal device, open approach |
| 02UN3JZ | Supplement pericardium with synthetic substitute, percutaneous approach |
| 02UN3KZ | Supplement pericardium with nonautologous tissue substitute, percutaneous approach |
| 02UN47Z | Supplement pericardium with autologous tissue substitute, percutaneous endoscopic approach |
| 02UN48Z | Supplement pericardium with zooplastic tissue, percutaneous endoscopic approach |
| 02UN4JZ | Supplement pericardium with synthetic substitute, percutaneous endoscopic approach |
| 02UN4KZ | Supplement pericardium with nonautologous tissue substitute, percutaneous endoscopic approach |
| 02VA0CZ | Restriction of heart with extraluminal device, open approach |
| 02VA0ZZ | Restriction of heart, open approach |
| 02VA3CZ | Restriction of heart with extraluminal device, percutaneous approach |
| 02VA3ZZ | Restriction of heart, percutaneous approach |
| 02VA4CZ | Restriction of heart with extraluminal device, percutaneous endoscopic approach |
| 02VA4ZZ | Restriction of heart, percutaneous endoscopic approach |
| 02VG0ZZ | Restriction of mitral valve, open approach |

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| 02730TZ | Dilation of coronary artery, four or more arteries with radioactive intraluminal device, open approach |
| 02730Z6 | Dilation of coronary artery, four or more arteries, bifurcation, open approach |
| 02730ZZ | Dilation of coronary artery, four or more arteries, open approach |
| 0273346 | Dilation of coronary artery, four or more arteries, bifurcation, with drug-eluting intraluminal device, percutaneous approach |
| 027334Z | Dilation of coronary artery, four or more arteries with drug-eluting intraluminal device, percutaneous approach |
| 0273356 | Dilation of coronary artery, four or more arteries, bifurcation, with two drug-eluting intraluminal devices, percutaneous approach |
| 027335Z | Dilation of coronary artery, four or more arteries with two drug-eluting intraluminal devices, percutaneous approach |
| 0273366 | Dilation of coronary artery, four or more arteries, bifurcation, with three drug-eluting intraluminal devices, percutaneous approach |
| 027336Z | Dilation of coronary artery, four or more arteries with three drug-eluting intraluminal devices, percutaneous approach |
| 0273376 | Dilation of coronary artery, four or more arteries, bifurcation, with four or more drug-eluting intraluminal devices, percutaneous approach |
| 027337Z | Dilation of coronary artery, four or more arteries with four or more drug-eluting intraluminal devices, percutaneous approach |
| 02733D6 | Dilation of coronary artery, four or more arteries, bifurcation, with intraluminal device, percutaneous approach |
| 02VG3ZZ | Restriction of mitral valve, percutaneous approach |
| 02VG4ZZ | Restriction of mitral valve, percutaneous endoscopic approach |
| 02VL0CZ | Restriction of left ventricle with extraluminal device, open approach |
| 02VL0DZ | Restriction of left ventricle with intraluminal device, open approach |
| 02VL0ZZ | Restriction of left ventricle, open approach |
| 02VL3CZ | Restriction of left ventricle with extraluminal device, percutaneous approach |
| 02VL3DZ | Restriction of left ventricle with intraluminal device, percutaneous approach |
| 02VL3ZZ | Restriction of left ventricle, percutaneous approach |
| 02VL4CZ | Restriction of left ventricle with extraluminal device, percutaneous endoscopic approach |
| 02VL4DZ | Restriction of left ventricle with intraluminal device, percutaneous endoscopic approach |
| 02VL4ZZ | Restriction of left ventricle, percutaneous endoscopic approach |
| 02W50JZ | Revision of synthetic substitute in atrial septum, open approach |

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| 02733DZ | Dilation of coronary artery, four or more arteries with intraluminal device, percutaneous approach |
| 02733E6 | Dilation of coronary artery, four or more arteries, bifurcation, with two intraluminal devices, percutaneous approach |
| 02733EZ | Dilation of coronary artery, four or more arteries with two intraluminal devices, percutaneous approach |
| 02733F6 | Dilation of coronary artery, four or more arteries, bifurcation, with three intraluminal devices, percutaneous approach |
| 02733FZ | Dilation of coronary artery, four or more arteries with three intraluminal devices, percutaneous approach |
| 02733G6 | Dilation of coronary artery, four or more arteries, bifurcation, with four or more intraluminal devices, percutaneous approach |
| 02733GZ | Dilation of coronary artery, four or more arteries with four or more intraluminal devices, percutaneous approach |
| 02733T6 | Dilation of coronary artery, four or more arteries, bifurcation, with radioactive intraluminal device, percutaneous approach |
| 02733TZ | Dilation of coronary artery, four or more arteries with radioactive intraluminal device, percutaneous approach |
| 02733Z6 | Dilation of coronary artery, four or more arteries, bifurcation, percutaneous approach |
| 02733ZZ | Dilation of coronary artery, four or more arteries, percutaneous approach |
| 0273446 | Dilation of coronary artery, four or more arteries, bifurcation, with drug-eluting intraluminal device, percutaneous endoscopic approach |
| 02W54JZ | Revision of synthetic substitute in atrial septum, percutaneous endoscopic approach |
| 02WA07Z | Revision of autologous tissue substitute in heart, open approach |
| 02WA08Z | Revision of zooplastic tissue in heart, open approach |
| 02WA0CZ | Revision of extraluminal device in heart, open approach |
| 02WA0JZ | Revision of synthetic substitute in heart, open approach |
| 02WA0KZ | Revision of nonautologous tissue substitute in heart, open approach |
| 02WA0MZ | Revision of cardiac lead in heart, open approach |
| 02WA0NZ | Revision of intracardiac pacemaker in heart, open approach |
| 02WA0QZ | Revision of implantable heart assist system in heart, open approach |
| 02WA0RS | Revision of biventricular short-term external heart assist system in heart, open approach |
| 02WA0RZ | Revision of short-term external heart assist system in heart, open approach |
| 02WA37Z | Revision of autologous tissue substitute in heart, percutaneous approach |

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| 027344Z | Dilation of coronary artery, four or more arteries with drug-eluting intraluminal device, percutaneous endoscopic approach |
| 0273456 | Dilation of coronary artery, four or more arteries, bifurcation, with two drug-eluting intraluminal devices, percutaneous endoscopic approach |
| 027345Z | Dilation of coronary artery, four or more arteries with two drug-eluting intraluminal devices, percutaneous endoscopic approach |
| 0273466 | Dilation of coronary artery, four or more arteries, bifurcation, with three drug-eluting intraluminal devices, percutaneous endoscopic approach |
| 027346Z | Dilation of coronary artery, four or more arteries with three drug-eluting intraluminal devices, percutaneous endoscopic approach |
| 0273476 | Dilation of coronary artery, four or more arteries, bifurcation, with four or more drug-eluting intraluminal devices, percutaneous endoscopic approach |
| 027347Z | Dilation of coronary artery, four or more arteries with four or more drug-eluting intraluminal devices, percutaneous endoscopic approach |
| 02734D6 | Dilation of coronary artery, four or more arteries, bifurcation, with intraluminal device, percutaneous endoscopic approach |
| 02734DZ | Dilation of coronary artery, four or more arteries with intraluminal device, percutaneous endoscopic approach |
| 02734E6 | Dilation of coronary artery, four or more arteries, bifurcation, with two intraluminal devices, percutaneous endoscopic approach |
| 02734EZ | Dilation of coronary artery, four or more arteries with two intraluminal devices, percutaneous endoscopic approach |
| 02WA38Z | Revision of zooplastic tissue in heart, percutaneous approach |
| 02WA3CZ | Revision of extraluminal device in heart, percutaneous approach |
| 02WA3JZ | Revision of synthetic substitute in heart, percutaneous approach |
| 02WA3KZ | Revision of nonautologous tissue substitute in heart, percutaneous approach |
| 02WA3MZ | Revision of cardiac lead in heart, percutaneous approach |
| 02WA3NZ | Revision of intracardiac pacemaker in heart, percutaneous approach |
| 02WA3QZ | Revision of implantable heart assist system in heart, percutaneous approach |
| 02WA3RS | Revision of biventricular short-term external heart assist system in heart, percutaneous approach |
| 02WA3RZ | Revision of short-term external heart assist system in heart, percutaneous approach |
| 02WA47Z | Revision of autologous tissue substitute in heart, percutaneous endoscopic approach |
| 02WA48Z | Revision of zooplastic tissue in heart, percutaneous endoscopic approach |

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| 02734F6 | Dilation of coronary artery, four or more arteries, bifurcation, with three intraluminal devices, percutaneous endoscopic approach |
| 02734FZ | Dilation of coronary artery, four or more arteries with three intraluminal devices, percutaneous endoscopic approach |
| 02734G6 | Dilation of coronary artery, four or more arteries, bifurcation, with four or more intraluminal devices, percutaneous endoscopic approach |
| 02734GZ | Dilation of coronary artery, four or more arteries with four or more intraluminal devices, percutaneous endoscopic approach |
| 02734T6 | Dilation of coronary artery, four or more arteries, bifurcation, with radioactive intraluminal device, percutaneous endoscopic approach |
| 02734TZ | Dilation of coronary artery, four or more arteries with radioactive intraluminal device, percutaneous endoscopic approach |
| 02734Z6 | Dilation of coronary artery, four or more arteries, bifurcation, percutaneous endoscopic approach |
| 02734ZZ | Dilation of coronary artery, four or more arteries, percutaneous endoscopic approach |
| 027F04Z | Dilation of aortic valve with drug-eluting intraluminal device, open approach |
| 027F0DZ | Dilation of aortic valve with intraluminal device, open approach |
| 027F0ZZ | Dilation of aortic valve, open approach |
| 027F34Z | Dilation of aortic valve with drug-eluting intraluminal device, percutaneous approach |
| 027F3DZ | Dilation of aortic valve with intraluminal device, percutaneous approach |
| 027F3ZZ | Dilation of aortic valve, percutaneous approach |
| 02WA4CZ | Revision of extraluminal device in heart, percutaneous endoscopic approach |
| 02WA4JZ | Revision of synthetic substitute in heart, percutaneous endoscopic approach |
| 02WA4KZ | Revision of nonautologous tissue substitute in heart, percutaneous endoscopic approach |
| 02WA4MZ | Revision of cardiac lead in heart, percutaneous endoscopic approach |
| 02WA4NZ | Revision of intracardiac pacemaker in heart, percutaneous endoscopic approach |
| 02WA4QZ | Revision of implantable heart assist system in heart, percutaneous endoscopic approach |
| 02WA4RS | Revision of biventricular short-term external heart assist system in heart, percutaneous endoscopic approach |
| 02WA4RZ | Revision of short-term external heart assist system in heart, percutaneous endoscopic approach |
| 02WAX7Z | Revision of autologous tissue substitute in heart, external approach |
| 02WAX8Z | Revision of zooplastic tissue in heart, external approach |
| 02WAXCZ | Revision of extraluminal device in heart, external approach |
| 02WAXJZ | Revision of synthetic substitute in heart, external approach |
| 02WAXKZ | Revision of nonautologous tissue substitute in heart, external approach |
| 02WAXMZ | Revision of cardiac lead in heart, external approach |

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| 027F44Z | Dilation of aortic valve with drug-eluting intraluminal device, percutaneous endoscopic approach | 02WAXNZ | Revision of intracardiac pacemaker in heart, external approach |
| 027F4DZ | Dilation of aortic valve with intraluminal device, percutaneous endoscopic approach | 02WAXQZ | Revision of implantable heart assist system in heart, external approach |
| 027F4ZZ | Dilation of aortic valve, percutaneous endoscopic approach | 02WAXRS | Revision of biventricular short-term external heart assist system in heart, external approach |
| 027G04Z | Dilation of mitral valve with drug-eluting intraluminal device, open approach | 02WAXRZ | Revision of short-term external heart assist system in heart, external approach |
| 027G0DZ | Dilation of mitral valve with intraluminal device, open approach | 02WF07Z | Revision of autologous tissue substitute in aortic valve, open approach |
| 027G0ZZ | Dilation of mitral valve, open approach | 02WF08Z | Revision of zooplastic tissue in aortic valve, open approach |
| 027G34Z | Dilation of mitral valve with drug-eluting intraluminal device, percutaneous approach | 02WF0JZ | Revision of synthetic substitute in aortic valve, open approach |
| 027G3DZ | Dilation of mitral valve with intraluminal device, percutaneous approach | 02WF0KZ | Revision of nonautologous tissue substitute in aortic valve, open approach |
| 027G3ZZ | Dilation of mitral valve, percutaneous approach | 02WF37Z | Revision of autologous tissue substitute in aortic valve, percutaneous approach |
| 027G44Z | Dilation of mitral valve with drug-eluting intraluminal device, percutaneous endoscopic approach | 02WF38Z | Revision of zooplastic tissue in aortic valve, percutaneous approach |
| 027G4DZ | Dilation of mitral valve with intraluminal device, percutaneous endoscopic approach | 02WF3JZ | Revision of synthetic substitute in aortic valve, percutaneous approach |
| 027G4ZZ | Dilation of mitral valve, percutaneous endoscopic approach | 02WF3KZ | Revision of nonautologous tissue substitute in aortic valve, percutaneous approach |
| 027H04Z | Dilation of pulmonary valve with drug-eluting intraluminal device, open approach | 02WF47Z | Revision of autologous tissue substitute in aortic valve, percutaneous endoscopic approach |
| 027H0DZ | Dilation of pulmonary valve with intraluminal device, open approach | 02WF48Z | Revision of zooplastic tissue in aortic valve, percutaneous endoscopic approach |
| 027H0ZZ | Dilation of pulmonary valve, open approach | 02WF4JZ | Revision of synthetic substitute in aortic valve, percutaneous endoscopic approach |

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| 027H34Z | Dilation of pulmonary valve with drug-eluting intraluminal device, percutaneous approach |
| 027H3DZ | Dilation of pulmonary valve with intraluminal device, percutaneous approach |
| 027H3ZZ | Dilation of pulmonary valve, percutaneous approach |
| 027H44Z | Dilation of pulmonary valve with drug-eluting intraluminal device, percutaneous endoscopic approach |
| 027H4DZ | Dilation of pulmonary valve with intraluminal device, percutaneous endoscopic approach |
| 027H4ZZ | Dilation of pulmonary valve, percutaneous endoscopic approach |
| 027J04Z | Dilation of tricuspid valve with drug-eluting intraluminal device, open approach |
| 027J0DZ | Dilation of tricuspid valve with intraluminal device, open approach |
| 027J0ZZ | Dilation of tricuspid valve, open approach |
| 027J34Z | Dilation of tricuspid valve with drug-eluting intraluminal device, percutaneous approach |
| 027J3DZ | Dilation of tricuspid valve with intraluminal device, percutaneous approach |
| 027J3ZZ | Dilation of tricuspid valve, percutaneous approach |
| 027J44Z | Dilation of tricuspid valve with drug-eluting intraluminal device, percutaneous endoscopic approach |
| 027J4DZ | Dilation of tricuspid valve with intraluminal device, percutaneous endoscopic approach |
| 027J4ZZ | Dilation of tricuspid valve, percutaneous endoscopic approach |
| 027K04Z | Dilation of right ventricle with drug-eluting intraluminal device, open approach |
| 02WF4KZ | Revision of nonautologous tissue substitute in aortic valve, percutaneous endoscopic approach |
| 02WG07Z | Revision of autologous tissue substitute in mitral valve, open approach |
| 02WG08Z | Revision of zooplastic tissue in mitral valve, open approach |
| 02WG0JZ | Revision of synthetic substitute in mitral valve, open approach |
| 02WG0KZ | Revision of nonautologous tissue substitute in mitral valve, open approach |
| 02WG37Z | Revision of autologous tissue substitute in mitral valve, percutaneous approach |
| 02WG38Z | Revision of zooplastic tissue in mitral valve, percutaneous approach |
| 02WG3JZ | Revision of synthetic substitute in mitral valve, percutaneous approach |
| 02WG3KZ | Revision of nonautologous tissue substitute in mitral valve, percutaneous approach |
| 02WG47Z | Revision of autologous tissue substitute in mitral valve, percutaneous endoscopic approach |
| 02WG48Z | Revision of zooplastic tissue in mitral valve, percutaneous endoscopic approach |
| 02WG4JZ | Revision of synthetic substitute in mitral valve, percutaneous endoscopic approach |
| 02WG4KZ | Revision of nonautologous tissue substitute in mitral valve, percutaneous endoscopic approach |
| 02WH07Z | Revision of autologous tissue substitute in pulmonary valve, open approach |
| 02WH08Z | Revision of zooplastic tissue in pulmonary valve, open approach |
| 02WH0JZ | Revision of synthetic substitute in pulmonary valve, open approach |

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| 027K0DZ | Dilation of right ventricle with intraluminal device, open approach |
| 027K0ZZ | Dilation of right ventricle, open approach |
| 027K34Z | Dilation of right ventricle with drug-eluting intraluminal device, percutaneous approach |
| 027K3DZ | Dilation of right ventricle with intraluminal device, percutaneous approach |
| 027K3ZZ | Dilation of right ventricle, percutaneous approach |
| 027K44Z | Dilation of right ventricle with drug-eluting intraluminal device, percutaneous endoscopic approach |
| 027K4DZ | Dilation of right ventricle with intraluminal device, percutaneous endoscopic approach |
| 027K4ZZ | Dilation of right ventricle, percutaneous endoscopic approach |
| 027L04Z | Dilation of left ventricle with drug-eluting intraluminal device, open approach |
| 027L0DZ | Dilation of left ventricle with intraluminal device, open approach |
| 027L0ZZ | Dilation of left ventricle, open approach |
| 027L34Z | Dilation of left ventricle with drug-eluting intraluminal device, percutaneous approach |
| 027L3DZ | Dilation of left ventricle with intraluminal device, percutaneous approach |
| 027L3ZZ | Dilation of left ventricle, percutaneous approach |
| 027L44Z | Dilation of left ventricle with drug-eluting intraluminal device, percutaneous endoscopic approach |
| 02WH0KZ | Revision of nonautologous tissue substitute in pulmonary valve, open approach |
| 02WH37Z | Revision of autologous tissue substitute in pulmonary valve, percutaneous approach |
| 02WH38Z | Revision of zooplastic tissue in pulmonary valve, percutaneous approach |
| 02WH3JZ | Revision of synthetic substitute in pulmonary valve, percutaneous approach |
| 02WH3KZ | Revision of nonautologous tissue substitute in pulmonary valve, percutaneous approach |
| 02WH47Z | Revision of autologous tissue substitute in pulmonary valve, percutaneous endoscopic approach |
| 02WH48Z | Revision of zooplastic tissue in pulmonary valve, percutaneous endoscopic approach |
| 02WH4JZ | Revision of synthetic substitute in pulmonary valve, percutaneous endoscopic approach |
| 02WH4KZ | Revision of nonautologous tissue substitute in pulmonary valve, percutaneous endoscopic approach |
| 02WJ07Z | Revision of autologous tissue substitute in tricuspid valve, open approach |
| 02WJ08Z | Revision of zooplastic tissue in tricuspid valve, open approach |
| 02WJ0JZ | Revision of synthetic substitute in tricuspid valve, open approach |
| 02WJ0KZ | Revision of nonautologous tissue substitute in tricuspid valve, open approach |
| 02WJ37Z | Revision of autologous tissue substitute in tricuspid valve, percutaneous approach |
| 02WJ38Z | Revision of zooplastic tissue in tricuspid valve, percutaneous approach |

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| 027L4DZ | Dilation of left ventricle with intraluminal device, percutaneous endoscopic approach |
| 027L4ZZ | Dilation of left ventricle, percutaneous endoscopic approach |
| 027P04Z | Dilation of pulmonary trunk with drug-eluting intraluminal device, open approach |
| 027P0DZ | Dilation of pulmonary trunk with intraluminal device, open approach |
| 027P0ZZ | Dilation of pulmonary trunk, open approach |
| 027P34Z | Dilation of pulmonary trunk with drug-eluting intraluminal device, percutaneous approach |
| 027P3DZ | Dilation of pulmonary trunk with intraluminal device, percutaneous approach |
| 027P3ZZ | Dilation of pulmonary trunk, percutaneous approach |
| 027P44Z | Dilation of pulmonary trunk with drug-eluting intraluminal device, percutaneous endoscopic approach |
| 027P4DZ | Dilation of pulmonary trunk with intraluminal device, percutaneous endoscopic approach |
| 027P4ZZ | Dilation of pulmonary trunk, percutaneous endoscopic approach |
| 027Q04Z | Dilation of right pulmonary artery with drug-eluting intraluminal device, open approach |
| 027Q0DZ | Dilation of right pulmonary artery with intraluminal device, open approach |
| 027Q0ZZ | Dilation of right pulmonary artery, open approach |
| 027Q34Z | Dilation of right pulmonary artery with drug-eluting intraluminal device, percutaneous approach |
| 02WJ3JZ | Revision of synthetic substitute in tricuspid valve, percutaneous approach |
| 02WJ3KZ | Revision of nonautologous tissue substitute in tricuspid valve, percutaneous approach |
| 02WJ47Z | Revision of autologous tissue substitute in tricuspid valve, percutaneous endoscopic approach |
| 02WJ48Z | Revision of zooplastic tissue in tricuspid valve, percutaneous endoscopic approach |
| 02WJ4JZ | Revision of synthetic substitute in tricuspid valve, percutaneous endoscopic approach |
| 02WJ4KZ | Revision of nonautologous tissue substitute in tricuspid valve, percutaneous endoscopic approach |
| 02WM0JZ | Revision of synthetic substitute in ventricular septum, open approach |
| 02WM4JZ | Revision of synthetic substitute in ventricular septum, percutaneous endoscopic approach |
| 02YA0Z0 | Transplantation of heart, allogeneic, open approach |
| 02YA0Z1 | Transplantation of heart, syngeneic, open approach |
| 02YA0Z2 | Transplantation of heart, zooplastic, open approach |
| 0JH600Z | Insertion of hemodynamic monitoring device into chest subcutaneous tissue and fascia, open approach |
| 0JH604Z | Insertion of pacemaker, single chamber into chest subcutaneous tissue and fascia, open approach |
| 0JH605Z | Insertion of pacemaker, single chamber rate responsive into chest subcutaneous tissue and fascia, open approach |
| 0JH606Z | Insertion of pacemaker, dual chamber into chest subcutaneous tissue and fascia, open approach |

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| 027Q3DZ | Dilation of right pulmonary artery with intraluminal device, percutaneous approach |
| 027Q3ZZ | Dilation of right pulmonary artery, percutaneous approach |
| 027Q44Z | Dilation of right pulmonary artery with drug-eluting intraluminal device, percutaneous endoscopic approach |
| 027Q4DZ | Dilation of right pulmonary artery with intraluminal device, percutaneous endoscopic approach |
| 027Q4ZZ | Dilation of right pulmonary artery, percutaneous endoscopic approach |
| 027R04Z | Dilation of left pulmonary artery with drug-eluting intraluminal device, open approach |
| 027R0DZ | Dilation of left pulmonary artery with intraluminal device, open approach |
| 027R0ZZ | Dilation of left pulmonary artery, open approach |
| 027R34Z | Dilation of left pulmonary artery with drug-eluting intraluminal device, percutaneous approach |
| 027R3DZ | Dilation of left pulmonary artery with intraluminal device, percutaneous approach |
| 027R3ZZ | Dilation of left pulmonary artery, percutaneous approach |
| 027R44Z | Dilation of left pulmonary artery with drug-eluting intraluminal device, percutaneous endoscopic approach |
| 027R4DZ | Dilation of left pulmonary artery with intraluminal device, percutaneous endoscopic approach |
| 0JH607Z | Insertion of cardiac resynchronization pacemaker pulse generator into chest subcutaneous tissue and fascia, open approach |
| 0JH608Z | Insertion of defibrillator generator into chest subcutaneous tissue and fascia, open approach |
| 0JH609Z | Insertion of cardiac resynchronization defibrillator pulse generator into chest subcutaneous tissue and fascia, open approach |
| 0JH60AZ | Insertion of contractility modulation device into chest subcutaneous tissue and fascia, open approach |
| 0JH60FZ | Insertion of subcutaneous defibrillator lead into chest subcutaneous tissue and fascia, open approach |
| 0JH60PZ | Insertion of cardiac rhythm related device into chest subcutaneous tissue and fascia, open approach |
| 0JH630Z | Insertion of hemodynamic monitoring device into chest subcutaneous tissue and fascia, percutaneous approach |
| 0JH634Z | Insertion of pacemaker, single chamber into chest subcutaneous tissue and fascia, percutaneous approach |
| 0JH635Z | Insertion of pacemaker, single chamber rate responsive into chest subcutaneous tissue and fascia, percutaneous approach |
| 0JH636Z | Insertion of pacemaker, dual chamber into chest subcutaneous tissue and fascia, percutaneous approach |
| 0JH637Z | Insertion of cardiac resynchronization pacemaker pulse generator into chest subcutaneous tissue and fascia, percutaneous approach |
| 0JH638Z | Insertion of defibrillator generator into chest subcutaneous tissue and fascia, percutaneous approach |
| 0JH639Z | Insertion of cardiac resynchronization defibrillator pulse generator into chest subcutaneous tissue and fascia, percutaneous approach |

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| 027R4ZZ | Dilation of left pulmonary artery, percutaneous endoscopic approach |
| 02880ZZ | Division of conduction mechanism, open approach |
| 02883ZZ | Division of conduction mechanism, percutaneous approach |
| 02884ZZ | Division of conduction mechanism, percutaneous endoscopic approach |
| 02890ZZ | Division of chordae tendineae, open approach |
| 02893ZZ | Division of chordae tendineae, percutaneous approach |
| 02894ZZ | Division of chordae tendineae, percutaneous endoscopic approach |
| 028D0ZZ | Division of papillary muscle, open approach |
| 028D3ZZ | Division of papillary muscle, percutaneous approach |
| 028D4ZZ | Division of papillary muscle, percutaneous endoscopic approach |
| 02B40ZZ | Excision of coronary vein, open approach |
| 02B43ZZ | Excision of coronary vein, percutaneous approach |
| 02B44ZZ | Excision of coronary vein, percutaneous endoscopic approach |
| 0JH63AZ | Insertion of contractility modulation device into chest subcutaneous tissue and fascia, percutaneous approach |
| 0JH63FZ | Insertion of subcutaneous defibrillator lead into chest subcutaneous tissue and fascia, percutaneous approach |
| 0JH63PZ | Insertion of cardiac rhythm related device into chest subcutaneous tissue and fascia, percutaneous approach |
| 0JH800Z | Insertion of hemodynamic monitoring device into abdomen subcutaneous tissue and fascia, open approach |
| 0JH804Z | Insertion of pacemaker, single chamber into abdomen subcutaneous tissue and fascia, open approach |
| 0JH805Z | Insertion of pacemaker, single chamber rate responsive into abdomen subcutaneous tissue and fascia, open approach |
| 0JH806Z | Insertion of pacemaker, dual chamber into abdomen subcutaneous tissue and fascia, open approach |
| 0JH807Z | Insertion of cardiac resynchronization pacemaker pulse generator into abdomen subcutaneous tissue and fascia, open approach |
| 0JH808Z | Insertion of defibrillator generator into abdomen subcutaneous tissue and fascia, open approach |
| 0JH809Z | Insertion of cardiac resynchronization defibrillator pulse generator into abdomen subcutaneous tissue and fascia, open approach |
| 0JH80AZ | Insertion of contractility modulation device into abdomen subcutaneous tissue and fascia, open approach |
| 0JH80PZ | Insertion of cardiac rhythm related device into abdomen subcutaneous tissue and fascia, open approach |
| 0JH830Z | Insertion of hemodynamic monitoring device into abdomen subcutaneous tissue and fascia, percutaneous approach |

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| 02B50ZZ | Excision of atrial septum, open approach |
| 02B53ZZ | Excision of atrial septum, percutaneous approach |
| 02B54ZZ | Excision of atrial septum, percutaneous endoscopic approach |
| 02B60ZZ | Excision of right atrium, open approach |
| 02B63ZZ | Excision of right atrium, percutaneous approach |
| 02B64ZZ | Excision of right atrium, percutaneous endoscopic approach |
| 02B70ZK | Excision of left atrial appendage, open approach |
| 02B70ZZ | Excision of left atrium, open approach |
| 02B73ZK | Excision of left atrial appendage, percutaneous approach |
| 02B73ZZ | Excision of left atrium, percutaneous approach |
| 02B74ZK | Excision of left atrial appendage, percutaneous endoscopic approach |
| 02B74ZZ | Excision of left atrium, percutaneous endoscopic approach |
| 02B80ZZ | Excision of conduction mechanism, open approach |
| 0JH834Z | Insertion of pacemaker, single chamber into abdomen subcutaneous tissue and fascia, percutaneous approach |
| 0JH835Z | Insertion of pacemaker, single chamber rate responsive into abdomen subcutaneous tissue and fascia, percutaneous approach |
| 0JH836Z | Insertion of pacemaker, dual chamber into abdomen subcutaneous tissue and fascia, percutaneous approach |
| 0JH837Z | Insertion of cardiac resynchronization pacemaker pulse generator into abdomen subcutaneous tissue and fascia, percutaneous approach |
| 0JH838Z | Insertion of defibrillator generator into abdomen subcutaneous tissue and fascia, percutaneous approach |
| 0JH839Z | Insertion of cardiac resynchronization defibrillator pulse generator into abdomen subcutaneous tissue and fascia, percutaneous approach |
| 0JH83AZ | Insertion of contractility modulation device into abdomen subcutaneous tissue and fascia, percutaneous approach |
| 0JH83PZ | Insertion of cardiac rhythm related device into abdomen subcutaneous tissue and fascia, percutaneous approach |
| 0JPT0FZ | Removal of subcutaneous defibrillator lead from trunk subcutaneous tissue and fascia, open approach |
| 0JPT0PZ | Removal of cardiac rhythm related device from trunk subcutaneous tissue and fascia, open approach |
| 0JPT3FZ | Removal of subcutaneous defibrillator lead from trunk subcutaneous tissue and fascia, percutaneous approach |
| 0JPT3PZ | Removal of cardiac rhythm related device from trunk subcutaneous tissue and fascia, percutaneous approach |
| 0JWT0FZ | Revision of subcutaneous defibrillator lead in trunk subcutaneous tissue and fascia, open approach |

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| 02B83ZZ | Excision of conduction mechanism, percutaneous approach |
| 02B84ZZ | Excision of conduction mechanism, percutaneous endoscopic approach |
| 02B90ZZ | Excision of chordae tendineae, open approach |
| 02B93ZZ | Excision of chordae tendineae, percutaneous approach |
| 02B94ZZ | Excision of chordae tendineae, percutaneous endoscopic approach |
| 02BD0ZZ | Excision of papillary muscle, open approach |
| 02BD3ZZ | Excision of papillary muscle, percutaneous approach |
| 02BD4ZZ | Excision of papillary muscle, percutaneous endoscopic approach |
| 02BF0ZZ | Excision of aortic valve, open approach |
| 02BF3ZZ | Excision of aortic valve, percutaneous approach |
| 02BF4ZZ | Excision of aortic valve, percutaneous endoscopic approach |
| 02BG0ZZ | Excision of mitral valve, open approach |
| 02BG3ZZ | Excision of mitral valve, percutaneous approach |
| 02BG4ZZ | Excision of mitral valve, percutaneous endoscopic approach |
| 02BH0ZZ | Excision of pulmonary valve, open approach |
| 02BH3ZZ | Excision of pulmonary valve, percutaneous approach |
| 02BH4ZZ | Excision of pulmonary valve, percutaneous endoscopic approach |
| 02BJ0ZZ | Excision of tricuspid valve, open approach |
| 0JWT0PZ | Revision of cardiac rhythm related device in trunk subcutaneous tissue and fascia, open approach |
| 0JWT3FZ | Revision of subcutaneous defibrillator lead in trunk subcutaneous tissue and fascia, percutaneous approach |
| 0JWT3PZ | Revision of cardiac rhythm related device in trunk subcutaneous tissue and fascia, percutaneous approach |
| 0JWTXFZ | Revision of subcutaneous defibrillator lead in trunk subcutaneous tissue and fascia, external approach |
| 0JWTXPZ | Revision of cardiac rhythm related device in trunk subcutaneous tissue and fascia, external approach |
| 0W2DX0Z | Change drainage device in pericardial cavity, external approach |
| 0W3D0ZZ | Control bleeding in pericardial cavity, open approach |
| 0W3D3ZZ | Control bleeding in pericardial cavity, percutaneous approach |
| 0W3D4ZZ | Control bleeding in pericardial cavity, percutaneous endoscopic approach |
| 0W9D00Z | Drainage of pericardial cavity with drainage device, open approach |
| 0W9D0ZX | Drainage of pericardial cavity, open approach, diagnostic |
| 0W9D0ZZ | Drainage of pericardial cavity, open approach |
| 0W9D30Z | Drainage of pericardial cavity with drainage device, percutaneous approach |
| 0W9D3ZX | Drainage of pericardial cavity, percutaneous approach, diagnostic |
| 0W9D3ZZ | Drainage of pericardial cavity, percutaneous approach |
| 0W9D40Z | Drainage of pericardial cavity with drainage device, percutaneous endoscopic approach |
| 0W9D4ZX | Drainage of pericardial cavity, percutaneous endoscopic approach, diagnostic |
| 0W9D4ZZ | Drainage of pericardial cavity, percutaneous endoscopic approach |

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| 02BJ3ZZ | Excision of tricuspid valve, percutaneous approach |
| 02BJ4ZZ | Excision of tricuspid valve, percutaneous endoscopic approach |
| 02BK0ZZ | Excision of right ventricle, open approach |
| 02BK3ZZ | Excision of right ventricle, percutaneous approach |
| 02BK4ZZ | Excision of right ventricle, percutaneous endoscopic approach |
| 02BL0ZZ | Excision of left ventricle, open approach |
| 02BL3ZZ | Excision of left ventricle, percutaneous approach |
| 02BL4ZZ | Excision of left ventricle, percutaneous endoscopic approach |
| 02BM0ZZ | Excision of ventricular septum, open approach |
| 02BM3ZZ | Excision of ventricular septum, percutaneous approach |
| 02BM4ZZ | Excision of ventricular septum, percutaneous endoscopic approach |
| 02BN0ZZ | Excision of pericardium, open approach |
| 02BN3ZZ | Excision of pericardium, percutaneous approach |
| 02BN4ZZ | Excision of pericardium, percutaneous endoscopic approach |
| 02C00Z6 | Extirpation of matter from coronary artery, one artery, bifurcation, open approach |
| 02C00ZZ | Extirpation of matter from coronary artery, one artery, open approach |
| 02C03Z6 | Extirpation of matter from coronary artery, one artery, bifurcation, percutaneous approach |
| 02C03Z7 | Extirpation of matter from coronary artery, one artery, orbital atherectomy technique, percutaneous approach |
| 0WCD0ZZ | Extirpation of matter from pericardial cavity, open approach |
| 0WCD3ZZ | Extirpation of matter from pericardial cavity, percutaneous approach |
| 0WCD4ZZ | Extirpation of matter from pericardial cavity, percutaneous endoscopic approach |
| 0WCDXZZ | Extirpation of matter from pericardial cavity, external approach |
| 0WFD0ZZ | Fragmentation in pericardial cavity, open approach |
| 0WFD3ZZ | Fragmentation in pericardial cavity, percutaneous approach |
| 0WFD4ZZ | Fragmentation in pericardial cavity, percutaneous endoscopic approach |
| 0WFDXZZ | Fragmentation in pericardial cavity, external approach |
| 0WPD00Z | Removal of drainage device from pericardial cavity, open approach |
| 0WPD30Z | Removal of drainage device from pericardial cavity, percutaneous approach |
| 0WPD40Z | Removal of drainage device from pericardial cavity, percutaneous endoscopic approach |
| 0WPDX0Z | Removal of drainage device from pericardial cavity, external approach |
| 0WWD00Z | Revision of drainage device in pericardial cavity, open approach |
| 0WWD30Z | Revision of drainage device in pericardial cavity, percutaneous approach |
| 0WWD40Z | Revision of drainage device in pericardial cavity, percutaneous endoscopic approach |
| 0WWDX0Z | Revision of drainage device in pericardial cavity, external approach |
| 3E07016 | Introduction of recombinant human-activated protein c into coronary artery, open |
| 3E07017 | Introduction of other thrombolytic into coronary artery, open approach |

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| 02C03ZZ | Extirpation of matter from coronary artery, one artery, percutaneous approach |
| 02C04Z6 | Extirpation of matter from coronary artery, one artery, bifurcation, percutaneous endoscopic approach |
| 02C04ZZ | Extirpation of matter from coronary artery, one artery, percutaneous endoscopic approach |
| 02C10Z6 | Extirpation of matter from coronary artery, two arteries, bifurcation, open approach |
| 02C10ZZ | Extirpation of matter from coronary artery, two arteries, open approach |
| 02C13Z6 | Extirpation of matter from coronary artery, two arteries, bifurcation, percutaneous approach |
| 02C13Z7 | Extirpation of matter from coronary artery, two arteries, orbital atherectomy technique, percutaneous approach |
| 02C13ZZ | Extirpation of matter from coronary artery, two arteries, percutaneous approach |
| 02C14Z6 | Extirpation of matter from coronary artery, two arteries, bifurcation, percutaneous endoscopic approach |
| 02C14ZZ | Extirpation of matter from coronary artery, two arteries, percutaneous endoscopic approach |
| 02C20Z6 | Extirpation of matter from coronary artery, three arteries, bifurcation, open approach |
| 02C20ZZ | Extirpation of matter from coronary artery, three arteries, open approach |
| 02C23Z6 | Extirpation of matter from coronary artery, three arteries, bifurcation, percutaneous approach |
| 02C23Z7 | Extirpation of matter from coronary artery, three arteries, orbital atherectomy technique, percutaneous approach |
| 3E070GC | Introduction of other therapeutic substance into coronary artery, open approach |
| 3E070KZ | Introduction of other diagnostic substance into coronary artery, open approach |
| 3E070PZ | Introduction of platelet inhibitor into coronary artery, open approach |
| 3E07316 | Introduction of recombinant human-activated protein c into coronary artery, percutaneous |
| 3E07317 | Introduction of other thrombolytic into coronary artery, percutaneous approach |
| 3E073GC | Introduction of other therapeutic substance into coronary artery, percutaneous approach |
| 3E073KZ | Introduction of other diagnostic substance into coronary artery, percutaneous approach |
| 3E073PZ | Introduction of platelet inhibitor into coronary artery, percutaneous approach |
| 3E074GC | Introduction of other therapeutic substance into coronary artery, percutaneous endoscopic approach |
| 5A02110 | Assistance with cardiac output using balloon pump, intermittent |
| 5A02115 | Assistance with cardiac output using pulsatile compression, intermittent |
| 5A02116 | Assistance with cardiac output using other pump, intermittent |
| 5A0211D | Assistance with cardiac output using impeller pump, intermittent |
| 5A02210 | Assistance with cardiac output using balloon pump, continuous |

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| 02C23ZZ | Extirpation of matter from coronary artery, three arteries, percutaneous approach |
| 02C24Z6 | Extirpation of matter from coronary artery, three arteries, bifurcation, percutaneous endoscopic approach |
| 02C24ZZ | Extirpation of matter from coronary artery, three arteries, percutaneous endoscopic approach |
| 02C30Z6 | Extirpation of matter from coronary artery, four or more arteries, bifurcation, open approach |
| 02C30ZZ | Extirpation of matter from coronary artery, four or more arteries, open approach |
| 02C33Z6 | Extirpation of matter from coronary artery, four or more arteries, bifurcation, percutaneous approach |
| 02C33Z7 | Extirpation of matter from coronary artery, four or more arteries, orbital atherectomy technique, percutaneous approach |
| 02C33ZZ | Extirpation of matter from coronary artery, four or more arteries, percutaneous approach |
| 02C34Z6 | Extirpation of matter from coronary artery, four or more arteries, bifurcation, percutaneous endoscopic approach |
| 02C34ZZ | Extirpation of matter from coronary artery, four or more arteries, percutaneous endoscopic approach |
| 02C40ZZ | Extirpation of matter from coronary vein, open approach |
| 5A02215 | Assistance with cardiac output using pulsatile compression, continuous |
| 5A02216 | Assistance with cardiac output using other pump, continuous |
| 5A0221D | Assistance with cardiac output using impeller pump, continuous |
| X2C0361 | Extirpation of matter from coronary artery, one artery using orbital atherectomy technology, percutaneous approach, new technology group 1 |
| X2C1361 | Extirpation of matter from coronary artery, two arteries using orbital atherectomy technology, percutaneous approach, new technology group 1 |
| X2C2361 | Extirpation of matter from coronary artery, three arteries using orbital atherectomy technology, percutaneous approach, new technology group 1 |
| X2C3361 | Extirpation of matter from coronary artery, four or more arteries using orbital atherectomy technology, percutaneous approach, new technology group 1 |
| X2RF032 | Replacement of aortic valve using zooplastic tissue, rapid deployment technique, open approach, new technology group 2 |
| X2RF332 | Replacement of aortic valve using zooplastic tissue, rapid deployment technique, percutaneous approach, new technology group 2 |
| X2RF432 | Replacement of aortic valve using zooplastic tissue, rapid deployment technique, percutaneous endoscopic approach, new technology group 2 |
| X2V73Q7 | Restriction of coronary sinus with reduction device, percutaneous approach, new technology group 7 |